

Vhf-Uhf DIGEST

The Official Publication of the Worldwide TV-FM DX Association

SEPTEMBER 1993



—1993—
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OF THE
YEAR!

Out of 139 Fox
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WFXG FOX 54,
Augusta, Georgia,

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ratings strength.

And, has been
named 1993
Fox Affiliate
of the Year.

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(payable in
Canada: \$22.00
U.S. funds) Overseas: \$32.00

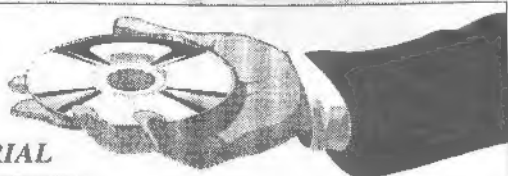


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11/93
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Digital Data on
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from

**SOLAR-
TERRESTRIAL
PHYSICS**



The National Geophysical Data Center (NGDC) provides several digital data sets on compact disk (CD-ROM). Below is a comprehensive list of previously advertised CDs of data from NGDC's Solar-Terrestrial Physics Division. For your convenience, an order form is provided on the back of this flyer. The prices listed here are valid through September 30, 1993.

GOES Space Environment Data: This CD-ROM contains X-ray, Magnetometer, and Energetic Particle data measured by NOAA's Geosynchronous Operational Environmental Satellites (GOES). These data are an excellent resource for studying solar activity and its effects in near earth space. Previously announced under Data Announcement STP-92-5. Price: \$203

Neutron Monitor Data: This is a "write-once" CD-ROM written in ASCII text files containing cosmic ray data from neutron monitors operating in many parts of the world with data going back to 1953. Previously announced under Data Announcement STP-92-3. Price: \$203

Flares in Hydrogen-Alpha: This is a "write-once" CD-ROM written in standard ASCII text files containing solar flare records grouped by year from ground based observations. Data include reports (1938-present), events (1955-present), patrol (1955-present), and indices (1955-1980). Previously announced under Data Announcement STP-92-4. Price: \$111

Regions of Solar Activity: This is a "write-once" CD-ROM written in standard ASCII text files containing records of C₆ plage regions and sunspot groups. Records are grouped by year and by station. Plage observations are from Big Bear (1981-1987), Hale (1979-1981), McMath (1942-1979), AGO Table (1959-1982), and Indices (1970-1987). Sunspot observations are from Catania (1978-1987), Greenwich (1874-1982), Mt Wilson (1962-1991), Rome (1958-1989), and US Air Force (1981-1991). Previously announced under Data Announcement STP-92-4. Price: \$111

Solar Radio Bursts: This is a "write-once" CD-ROM written in standard ASCII text files containing solar emissions recorded since 1960 at ground observation stations, available on this CD at discrete and sweep frequencies. Previously advertised under Data Announcement STP-93-4. Price: \$111

MAIL ORDERS TO:

National Geophysical Data Center
Code E/GC2, Dept. 920
325 Broadway
Boulder, CO 80303-3328

Telephone: 303-497-6761
TELEBX: 592811 NOAA MASC BDR
FAX: 303-497-6313
INTERNET: info@mail.ngdc.noaa.gov
Voice/TDD: 303-497-6958



National Geophysical Data Center

Nashville

1993

CONVENTION REPORT

Hot Temps, Hot Trops, Hot Times in 'Music City'

[written by Tom Bryant and Doug Smith]

(As co-hosts of the Nashville Convention we found it difficult to be totally objective in preparing this summary. Please excuse us if we seem to be tooting our own horns...but it WAS a helluva good get-together!)

Shortly after 9 AM on Friday July 23 WTPDA's 1993 convention officially opened for business. As club members arrived they were presented with a name tag and a bag of goodies including bumper stickers, caps, T-shirts, key chains, coverage maps, tourist info, etc. Local broadcasters were generous with their contributions, and the retail value of each sack was between \$10 and \$15.

Three monitoring posts began to take shape about noon, and were up and running by 1:30 PM. Jim Dietrich brought antennas, rotors, baluns and pre-amps; and Doug Smith supplied tripods, masts, and setup help. Another club antenna expert, Doug Allen, pitched in to get the whole thing operational. Tom Yingling made a major contribution by letting us use his tv receiver and ICOM tuner. During the first half of the gathering the FM setup utilized a Carver tuner on loan from Dave Nieman; and Doug Smith's Technics tuner saw duty for the remainder of the weekend. Another setup at the other end of the convention room was dedicated to tape playback.

The 9th floor convention site was ideally suited to our group. Small tables in the one-time skytop bar were filled with photos of dx catches along with historic QSL and promotional material. Two larger tables housed extra giveaway items and a display of RDX Labs products. The UHF and VHF receiving sites were located side-by-side at the north end of the large room, and the FM installation was about 15 feet back toward the west side. The bar area was stocked with soft drinks and snacks. There was plenty of elbow room, and in spite of the 100 degree + heat index, the air conditioning system managed to keep the large glass-enclosed room comfortable.

By late Friday afternoon about half of the group had arrived and the 9th floor of Days Inn Central was buzzing with activity.

During the course of the convention many of our guests spent time away from the meeting site to explore area points of interest. Several went to the Friday Night Grand Ole Opry; some headed for the big regional shopping malls; and a few ferreted out antique shops. A small group made a pilgrimage to the WSM-AM transmitter; a large number enjoyed the German atmosphere and food at the Gerst House Restaurant; and one carload even made a side trip to Bowling Green, KY to visit stations and get T-shirts!

continued - next page

1993 CONVENTION REPORT - continued

Late Friday evening everyone eventually made it back to our meeting site to visit, dx, and enjoy the spectacular view of the Nashville skyline. Fortunately, there was a lot to look at and yak about; because the dxing was mediocre. Normal tropo activity produced catches in the 200-300 mile range...certainly nothing to get excited about. (Note: although some CCI was spotted on 2 at times, no Es was logged.) By 2 AM the crowd had thinned considerably; and by 4 AM everyone had given up for the night. Maybe tomorrow would be better!

When the convention room re-opened Saturday morning, activities resumed almost as if there had not been an overnight pause. Tour groups were organized and headed out for WSMV (channel 4) and WSM AM/FM. After a noon lunch break the second set of station tours got underway; and by 4PM everyone was back at the Days Inn Central in time to get ready for the banquet.

Tom and Doug had decided that a southern flavor would be a nice touch for the banquet menu, and the results were excellent. In a cozy meeting room on the first floor, 33 dxers and guests were treated to generous servings of southern-fried chicken, southern-style green beans, potatoes and gravy, and a yummy peach cobbler. The hotel banquet staff came through with flying colors (Confederate flags...maybe??)

As the tables were cleared, Tom Bryant welcomed those attending and introduced the first guest speaker, Mr. Aaron Shelton; retired Chief Engineer of WSM, Incorporated. Aaron spent the next hour sharing memories of his nearly 50 years in the industry. His talk ran the gamut from humorous stories about Opry stars to the early days of AM; W47NV (claimed by WSM to be America's first commercial FM station); the shaky startup of WSM-TV; and a host of technical innovations along the way.

After Mr. Shelton's talk and a short break; Doug Smith spoke briefly about several upcoming industry developments including HDTV.

There was a drawing for door prizes, then a DX QUIZ based on VUD items published during the past 12 months. The quiz produced laughs, gasps, and groans; and seemed to be a popular feature. There were prizes for low and high test scores; plus some confusion as to how to award them as the hosts (Bryant, to be specific) hadn't planned on any ties.

After the quiz, the formal portion of the meeting concluded as we all paraded by NRC member Ernie Wesolowski's camcorder to say howdy! (Ed. note: Special thanks to Ernie for his assistance in helping a WTFDA member who experienced major car trouble. Ernie is truly a credit to our hobby and the human race!) A special invitation had been extended to the radio-only clubs, and several IRCA and NRC members joined us for the weekend. Ontario DXer Dave Whatmough showed up in his much-traveled "DX-Mobile"...a real treat for those who hadn't seen it before.

By 9:30 Saturday night the 9th floor convention room had filled up again and the non-stop gabfest was back in high gear. Tropes were up, too! Nobody said much, but you could sense the vibes that big things were going to happen...and they did!

About 2:30 AM Sunday morning all hell broke loose...and an opening the likes of which had never been seen by Nashvillians filled our screens (and FM gear) with a non-stop parade of tropo visitors from Arkansas, Oklahoma and Texas. There were still about 10 people up at the time; including dx 'king' Bob Seybold who was reeling in new loggings at a frantic pace. Greg Coniglio and Matt Sittel were getting equally amazing results at the FM outpost. Oddly enough, the crowd increased as word of the big opening spread. People actually got out of bed to get in on the action! By 5 AM we had seen and heard stations from just about everywhere in the Lone Star State...but only a few hard-core nightowls were on hand to witness the grand prize catch...a Texas U at 790 miles.

continued - next page

1993 CONVENTION REPORT - continued

A total of 22 VHF, 71 UHF, and approximately 75 FM loggings was recorded during the three-day period. Convention Technical Coordinator Doug Smith compiled the following report assessing our facilities; and the major catches of the weekend.

The DX installation had its advantages and disadvantages. The high elevation and short feedlines made for no real problems with physical obstructions or line loss. But, the presence of 9 TVs within 10 miles (including 3 LPTVs less than a mile away) and 12 FMs meant some strategy was necessary to avoid overload. For awhile on Sunday morning, the preamp on the UHF antenna was replaced with a balun to allow DXing the lower UHF channels without excessive overload from WZTV-17.

Local LPTVs were playing games with us, with W68CG choosing to move, the week before the convention, from a site 12mi. away, to one less than a mile away. They also went off the air several times during the convention, allowing logging of WKMJ-68 Louisville, but they were on, and a pest, for most of the Texas opening. W36AK, also within a mile of the convention site, was off for most of the convention; their primary, WPGD-50, was also off quite a bit, and spent several hours Sunday morning sweeping their transmitter.

There was an excellent tropo opening to the west on Saturday night; this cost several DXers most or all of a night's sleep. The opening centered on the Dallas/Ft. Worth area, with 5 FMs and 7TVs from that market logged; a variety of other Texas FM/TV stations were logged. Best FM DX was KCWS-102.7 Merkel (777mi.), just west of Abilene; best TV DX was KVDA-60 San Antonio at 790mi. Also logged during the opening were a number of Oklahoma TVs and Arkansas FM/TVs. Someone (I believe it was Greg Coniglio) logged an Arkansas Class A at 352mi.!

Before and after the opening, other less exotic DX was seen and heard. Because of overload from the Knob Rd. tower (WSMV-4, WZTV-17, WSM-95.5) and three LPTVs downtown, most DXing was done to the north, with most stations heard being in the western 2/3 of Tennessee and Kentucky, or in southern Indiana and Illinois, though WRGT-45 Dayton and WINM-63 Angola stretched the paths in those directions.

A quickie list of the more exotic DX seen/heard:

FM:		TV:	
WBGL-91.7 IL	KZPS-92.5 TX	KATV-7 AR	WFAA-8 TX
KZLE-93.1 AR	KOYN-93.9 TX	KETQ-9 AR	KWTV-9 OK
KHLL-94.1 AR	KOLL-94.9 AR	KTEN-10 OK	KTHV-11 AR
KKTX-96.1 TX	KTUX-98.9 TX	KAFT-13 AR	KTBO-14 OK
KPLX-99.5 TX	KTCB-99.9 AR	KTXA-21 TX	KDFI-27 TX
WYMG-100.5 IL	KCJC-100.9 AR	KHOG-29 AR	WHOA-32 AL
WFGC-100.9 IN	KCWS-102.7 TX	KDAF-33 TX	KOCB-34 OK
KKIX-103.9 AR	KSNE-104.3 AR	KRSC-35 OK	KASN-38 AR
KYNG-105.3 TX	KTEI-105.5 AR	KTFO-41 OK	KTLC-43 OK
KYKX-105.7 TX	KSTV-105.7 TX	KWKT-44 TX	KXLN-45 TX
KHKS-106.1 TX	KOOI-106.5 TX	KWHB-47 OK	KHSX-49 TX
KBVA-106.6 AR	KCYT-106.7 TX	KFXK-51 TX	KFWD-52 TX
		KETK-56 TX	KDTX-58 TX
		KVDA-60 TX	WINM-63 IN

Sunday morning a lot of bleary-eyed dxers returned to the scene of the big "DX-SHOOTOUT" (that's what Doug called it in the program) to pick up a few more souvenirs, say goodbyes, or in some cases to do some more dxing. By early afternoon the antennas had come down, and before long the crowd had thinned to almost nothing. The convention was officially adjourned at 5 PM.

continued - next page



WTM station tour.

Host Tom Bryant
in doorway; co-host
Doug Smith to his
left.

Downtown
Nashville.
↓
Saturday
banquet.
↑



1993 CONVENTION REPORT - continued

A few of those attending have been acknowledged in this article for their individual assistance and contributions. If anyone was overlooked, please accept our apologies. In reality, all who attended were responsible for the success of the convention. A special note of recognition is in order for Diane Brooks and her staff at the Days Inn Central. The accommodations were roomy and comfortable, and the service was top-notch. A letter of commendation will be sent to Days Inn corporate headquarters to let them know how pleased we were with the facilities and service.

To the best of our knowledge, EVERYONE had a good time in Tennessee's Capitol City. Your hosts appreciated the support and good wishes they received prior to the event; as well as the many thank you and congratulatory calls and letters afterward. To those who attended, we're glad you were able to join us. You were wonderful guests in all respects (the hotel expressed that sentiment, too). To those who weren't able to come, or chose not to attend; we missed you.

Here is a roster of the 33 guests who registered and attended. Not all are WTFDA members. There were several local observers who dropped by (including a teenager from Vancouver, BC who was visiting relatives in Nashville)...plus a few WTFDA, NRC, and IRCA members who stopped in briefly but were unable to take in the entire event. Things got a bit hectic at times and an exact head count was not possible; but our best estimate of total attendance comes to 40.

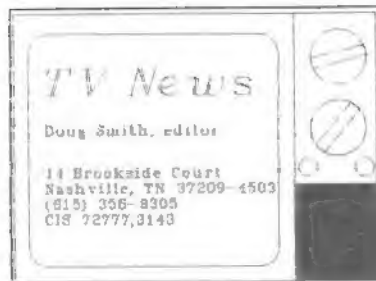
AL: J.D. Stephens, Huntsville CO: Doug Allen, Woodland Park FL: Michael Hollis, Mary Esther; Matt Sittel, Tallahassee IL: John Glemmer, East Moline; Bill Eckberg, Dixon; Jeff Kadet, Macomb; Frank Merrill, Macomb; Merv Shults, Toulon IA: Neil Griffin, Ottumwa IN: Ralph Strobel, Muncie; Robert Zant, Huntington KB: Jim Dietrich, Derby KY: Ed Phelps, Benton MA: Mark Connolly, Billerica MD: Tom Yingling, Baltimore MI: Robert Grant, Detroit MO: Keith Smith, St. Ann NE: Michael Hawk, Omaha; Ernest Wesolowski, Omaha NY: Greg Coniglio, Williamsville; Dave Nieman, Akron; Bob Seybold, Dunkirk OH: George Greens, Akron ON: Roger Gravella, St. Thomas; Bruce Hall, Brantford; Dave Whatnough, Hamilton TN: Tom Bryant, Nashville; Chris Johnson, Memphis; Aaron Shelton, New Johnsonville; Doug Smith, Nashville TX: Joe Gregg, Palestine; Noelia Herbert, Carrizo Springs

COMING SOON...

TO YOUR VERY OWN TV SCREEN...

HIGHLIGHTS OF NASHVILLE '93

Tapes supplied by several amateur videographers will be compiled into a comprehensive summary of the highlights of the 1993 convention. Co-host Tom Bryant will edit and narrate the presentation which promises to be the best WTFDA convention tape ever. Due to the large amount of footage a late fall completion date is projected. It'll be an ideal Xmas gift at a sensible price. Check your VUD for availability date, ordering info, and prices. A MUST for those who were a part of it all!



Abbreviations used in this column:

ERP=	Effective Radiated Power, in kilowatts
HAAT=	Height Above Average Terrain, in meters
AAT=	Above Average Terrain
AG=	Above Ground
ASL=	Above Sea Level
nc=	no change
TL=	Transmitter (and tower) Location
CP=	Construction Permit
MP=	Modification Permit (modification of CP)
Pr=	Province (of Canada)
*=	Non-commercial
CRTC=	Canadian Radio-TV Commission
DBS=	Direct Broadcast Satellite

CHANGES GRANTED TO EXISTING STATIONS

St	Ch	ERP	HAAT	Call	City
AK	5	100	nc	KYES	Anchorage
				(was 5.89kW)	
AZ	21	1282	nc	KPAZ-TV	Phoenix
				(was 646kW)	

OTHER STUFF

Obviously, the FCC is on vacation... Actually, so is the CRTC...

The deficit reduction bill has hit broadcasters, and other FCC licensees. FCC user fees will be charged; in TV, the annual fees will range between \$4,000 for 100+ market VHF's, to \$18,000 for top-10-market VHF's. Cable systems will pay \$0.37 per subscriber. Non-commercial stations are exempt. (hams note: I've heard nothing about these fees extending to amateur radio)

Regarding last month's Canadian items from Dave Sinclair, the CRTC action permitting religious broadcasting specifically says that

rebroadcasters of U.S. channels (TBN) will not be licensed.

Also in Canada, the CRTC is asking for applications for a new province-wide TV service in Alberta. Cities involved are Edmonton, Red Deer, Calgary, and Lethbridge. Channels aren't given. Two firms, including CanWest (owners of Global in Ontario, of CKVU-10 Vancouver, and CFSK-4 and CFRE-11 in Saskatchewan), have announced plans to apply.

A number of bills have been proposed to limit violent programming on TV. Maybe the most interesting would require TVs to contain a "V-chip", which would allow parents to block viewing of programs rated for violence.

Terry Shockley, who's challenging the license renewals of Wisconsin stations WKOW-27, WAOW-9, WXOW-19, and WQOW-18, claims that bankrupt owner Shared Tak no longer actually controls the stations. If the FCC agrees in a hearing later this month, they could deny "renewal expectancy", a preference that usually guarantees license renewal.

If the "expectancy" is denied, the chances of Shockley being granted the licenses improves considerably. Tak's creditors, mostly banks & other financial institutions, have no record of successful operation of broadcast stations, while Shockley does, having operated the same four stations until Tak purchased them in 1985.

Tak and his creditors may, however, have another weapon. In late July, the owners of bankrupt KTVD-20 Denver filed in Federal Court to block a competing application for KTVD's license. Their argument is that any action that diminishes the value of a company in bankruptcy is a violation of bankruptcy law.

The Commission is considering a partial return of the "anti-trafficking" rule. Before 1982, if you received a broadcast license, you couldn't sell it for 3 years. The proposed change would resurrect this rule, but only for licenses granted by a comparative hearing. In situations where there's only one applicant, there would be no minimum period.

After a second crash, and five months for repairs, TV Marti-13 is back on the air. Broadcasts resumed on August 4. Actually, TV Marti broadcasts continued via satellite while the channel 13 balloon was

down, but since Cuban law prohibits the private ownership of satellite dishes, chances are only government officials saw the broadcasts.

In a move guaranteed to confuse DXers... KYW-3 Philadelphia has decided to preempt NBC on Fridays between 8 and 9PM. They'll air a 60-Minutes-style news magazine program.

However, West Coast DXers will be "un-confused" by the decision by KRON-4 San Francisco to end its experiment with 7-10PM prime-time. KRON will return prime-time programs to 8-11PM. KCRA-3 Sacramento is expected to do the same.

CABLE ACT

Several cable systems have taken the must-carry rules to the Supreme Court. Their petition claims that the rules are an attempt by Congress to control the editorial choices of cable operators. A hearing isn't expected until next spring—unless the Court refuses to review the case.

Several broadcasters report they've reached retransmission-consent agreements that do involve cash payments. The broadcasters won't reveal which cable systems are involved, but so far they say only small cable systems are involved.

In Wellford, SC, the city is delaying renewal of TeleCable's franchise. Wellford Mayor Hubert Odum wants the system to guarantee they'll carry the local Greenville/Spartanburg/Asheville stations. In nearby Greenville, it's reported that the franchise agreement requires carriage of the local stations; if TeleCable doesn't reach retransmission-consent agreement with all the over-the-air stations, it could be in violation. That agreement doesn't expire until 2007.

A special appropriation of \$11.5 million has been made to the FCC. The money will pay for administration of the Cable Act.

The Springfield, Mo. cable system has moved KOLR-10 from cable channel 9 to 32. TeleCable VP Gordon Herring says they're simply getting customers used to KOLR's new dial position, but KOLR's GM believes it's because the station has hired a consultant to handle their retransmission-consent negotiations. The move hurts KOLR not only because of the disruption in viewer habits, but because non-cable-ready TVs will no longer be able to receive the

station on cable without a converter box. (also, at least presumably, the other Springfield over-the-air stations are on low dial positions)

It's rumored that NBC may offer cable systems consent to carry their owned TV stations in return for carrying one or more of three new cable networks they're starting. Two of the networks would be new, one news/talk and the other sports; the third would be their existing Spanish-language news channel, currently available in Latin America. Additionally, NBC has reportedly offered their affiliates a financial interest in the news/talk channel in return for allowing NBC to handle their retransmission-consent negotiations.

A NAB survey released in mid-July shows that roughly 93% of all stations affiliated with one of the "big-3" networks have opted to negotiate for retransmission consent on at least one cable system. For Fox affiliates, the figure is 98%; for non-Fox independents, it's roughly 20%.

The Commission has established a "Cable Information Telephone Line". This service carries information for subscribers, local governments, and cable systems, on the Cable Act. The numbers are:

202-632-0004 (English)
202-632-0100 (Spanish)
202-632-6999 (TDD)

See also Tom Bryant's item below for info on retransmission-consent in the Nashville market.

LPTV WATCH

Call	St	City; programming
W12CA	PA	Elliottsburg; WPCB-40
K18BY	TX	Crockett; local
W17AB	FL	Tallahassee; TBN
K17BP	TX	Palestine; TBN
K17BY	TX	San Antonio; Galavision
W19AW	LA	Baton Rouge; "WBTR"
K20BW	TX	San Antonio; religious
K21DK	TX	Giddings; KXAN-38
K21DM	LA	Lafayette; The Box
K22BH	TX	Corpus Christi; Galavision
K22CQ	LA	Monroe; The Box
K22DP	TX	Bryan; The Box
W23AO	FL	Lake City; TBN
K28AK	TX	Bryan; KWKT-44
K29AD	TX	Corsicana; TBN
W29AB	FL	Ocala; TBN
W29AH	PA	Pittsburgh; The Box
W29BH	MS	Biloxi; TBN
K30CE	TX	Austin; Univision
W31AG	MS	Clarksdale; TBN

LPTV WATCH (cont'd.)

Call St City; programming
 W31AQ AL Mobile; HSS
 W31AT FL Gainesville; The Box
 W31AU FL Orlando; HSC
 K31AI TX Huntsville; TBN
 K33CK TX San Antonio; TBN
 K33DB TX Houston; KTFH-49
 K35CS TX Texarkana; "WBSC" relig.
 W36AC MS McComb; TBN
 W36AM TN Memphis; The Box
 W39AT LA Baton Rouge; "WBTR"
 W39AY AL Montgomery; The Box
 K39BJ LA Morgan City; local
 K40CT TX San Marcos; KXAN-36
 W41AE NY Utica; TBN
 W41BW AL Dothan; TBN
 W45AA MS Columbia; Miss. ETV
 K46CR LA Baton Rouge; The Box
 W46AV MS Pascagoula; TBN
 K47DF TX Corpus Christi; local
 K47DW LA Alexandria; WNTZ-48
 K47FH TX College Stn.; TBN
 W47BP MS Hattiesburg; Miss. ETV
 W49AI FL Crystal River; WOFL-35
 K49CG AR Little Rock; The Box
 K50AO TX Corpus Christi; The Box
 W50BF PA Sharon; WPCB-40
 K51CK TX Abilene; TBN
 W51AO PA Brookville; WPCB-40
 K52CQ LA Baton Rouge; Various
 K53CZ TX Victoria; Telemundo
 W53AM NY Utica; The Box
 W53HI GA Valdosta; WTLH-49
 K54DT TX Abilene; KIDY-6
 K55EX LA New Orleans; Tourist Ch.
 K55FV TX Houston; ValueVision
 K55FX TX Corpus Christi; relig.
 W63AJ PA Huntingdon; WWCN-8
 W69CS NY Buffalo; The Box

This month, from Dave Nieman and Jeff Kruszka's list.

FORUM

Tom Bryant, Nashville TN:

Aqsin on the KOUS-4 IDs seen on channel 3, Tom passed along a letter from an employee of KTVQ-2. He writes that commercial breaks on KYUS-3 are run from Billings. He also confirms that the KOUS tower is still in place 18mi. east of town; it's used by FM station KDWG.

From the Nashville Tennessean, an item about my employer... WSMV has decided to request cash for retransmission consent. The proposal would ask for \$0.50 per cable subscriber right now; when cable rate regulations are relaxed in late 1994, the rate would bump up to \$0.75, increasing to \$0.90 by 1995. Reportedly, no other Nashville station has requested cash, but some have said that if other stations get cash, they also want it.

WSMV (and all other TV stations) have until Oct. 8 to reach retransmission agreements; since cable systems must notify subscribers of stations being dropped 30 days in advance, the real deadline is Sept. 8. Viacom, and other Middle Tennessee cable operators, continue to insist that they won't pay cash for consent, but Viacom GM Stan Smith told the Tennessean "I remain confident that all the broadcasters will be on Oct. 8, but we've got a lot of work to do this month."

Among the other Nashville stations:

WKRN-2 has requested cash in return for a second, cable-only, channel. They also want cable systems to agree to buy advertising on channel 2, and provide WKRN with advertising time on the cable systems.

WTVF-5 has reached a no-cash initial agreement with Viacom. Details weren't provided but don't include another cable channel.

WZTV-17 and Viacom have signed on to Fox's nationwide deal, whereby WZTV will be carried without charge, in return for Viacom carrying the new Fox cable network; part of the fees paid by Viacom to Fox will be turned over to WZTV.

WDCN-8, WXMT-30, WHTN-39, and WPGD-50 have all chosen must-carry.

Bill Nieniadly, Clifton NJ:

(Hey Tom, how many people got #15 right on the DX Quiz?) Bill sends a clipping from the August 2 Daily News, with two items in one. First, an editorial questioning the need for government regulations on violent TV programming-- and even questioning whether it is too violent.

Second, an item regarding a Riverhead (Long Island) resident concerned about the possible disappearance of NYC stations from his local cable system if retransmission-consent negotiations fail. The reporter writes "He simply can't receive the signals where he lives. If he can't get them on cable, he can't get them at all."

According to my calculations, Riverhead is only 70 miles from NYC, 35 miles from WTNH-8 (New Haven, CT), and 60 miles from the other Hartford, CT stations-- certainly no problem for outdoor antennas! The resident interviewed, Tom Mosher, has a more

American solution-- if the cable system drops the NYC stations, he plans on suing...

Another item, from the July 19 Post, reports that NAB-produced announcements arguing the broadcasters' side of retransmission consent have begun airing on WNBC-4. The spots say "Local broadcast television is what makes cable television worth watching".

And finally, "SCUD Stud" Arthur Kent, fired by NBC shortly after the Gulf War, has found a new job. He's returning to his native Canada to host a weekly CBC documentary on "ethical & moral dilemmas in modern life".

(Bill, congrats on the Extra! You going to take your chances on a new call sign?)

William Draab, Kewaunee WI:

Bill has several news items from Northern Wisconsin.

First, regarding the network swap in Green Bay, the switch occurred on April 15; on this day, WFRV-5 switched from ABC to CBS, and WBAY-2 from CBS to ABC. Presumably, WJMN-3 and WLUC-6 made the same swap at the same time.

Second, regarding WJMN-3, Bill says they aren't a 100% satellite of WFRV-5 anymore. They run their own commercials, and occasionally their own newscasts.

Also on the subject of WFRV-5, Bill writes that that station is now carrying the Milwaukee Brewers network, preempting the CBS baseball games. He asks how strict the networks are about this kind of thing, and whether they have some kind of double-standard for affiliates & owned stations?

Honestly, I don't think so. Few CBS affiliates have aired the network's late-night programs (though that may change with the Letterman show), and when I was with CBS affiliate WISC-3, we would routinely preempt CBS programs for U.W. hockey broadcasts, and occasionally for other programs. WSMV occasionally also preempts NBC for local programs or Billy Graham specials.

WJMN-8 Iron Mountain and WHTA-5 Calumet, Mich. are not on yet. (a list I have from Eric Voytko/Bill Fahber lists a call change on the former station, to WDHS)

There does appear to be a new LPTV on 31 at Wausau. As Bill reported to the August Western TV-DX column, Three Angels and TBN programs were seen on June 22 on a Wausau heading. My database shows no 31 LPTV in Wausau; one possibility is W31BA Minocqua though Minocqua is quite a bit north of Wausau & Bill's 7' dish would probably rule that out. Bill hasn't seen the signal since 6/22.

Regarding my speculation that WXGZ-32's old antenna was on WGBA-26's tower, Bill says that they do have their own tower, about 600' west of WGBA's. The tower is still up, but the antenna was removed about 3 months after they went dark. Bill sees no evidence of work to install a channel 32 antenna on the channel 26 tower.

(OK on WAUN-92.7... could be the traps, but they were booming into my Madison motel room in June!)

Greg Coniglio, Williamsville NY:

Greg took a road trip to Memphis during the convention; while there, he picked up a copy of the Commercial Appeal, which carried an item on the sale of WMC-5 (and their AM and FM stations).

The article goes into the valuation of a TV station, something that I suspect most people don't understand. (I should say, I know most people don't understand.. Probably the most important question asked of a jury I just served on was to put a value on a travel agency. Two different expert witnesses placed values that differed by 200% & had totally different bases...)

TV stations are valued in multiples of annual cash flow, with a common multiple these days being 7 or 8. So, if WMC generates \$8.5million in cash flow annually, it might sell for 7 times that, or \$59.5million.

New WMC owner Bert Ellis has had several previous successes, including building Act III Broadcasting, a firm which owned several successful Fox affiliates when Ellis sold it about 2 years ago.

Eric Voytko, McLean VA:

Eric sends a postcard noting that WTMW-14 went on regular schedule on August 3, sometime between 10am and 1pm. They run Home Shopping Spree 24 hours, with ID about 3mins. before the hour. The signal is

strong at his location but (luckily!) doesn't splatter over onto any other channels.

Pete Taylor, San Francisco CA:

I stand corrected (again!)... Pete points out that the item about KMOD-97.5/KOKI-23 Tulsa, reported in August VUD, is not, in fact, new; it's what's called a "P.I.", or Per Inquiry, commercial-- I'm told that the ubiquitous "Hooked On Phonics" ads are also P.I.s. (is this new to TV though? Or have there been P.I.s on TV for years too?)

Ken Romstadt, Ottawa Lake MI:

Ken sends an item from the Toledo Blade reporting that Channel 21 in Fremont, Ohio (an LPTV, but my database doesn't list one) has purchased a tower from Sandusky County. The 200' tower was built by a now-defunct emergency medical service, and was sold by the county for \$8,200 and the rights to have "...a 911 signal booster will be placed on top of the tower to clarify signals to police and fire agencies in the county.". Presumably, that means an antenna for police & fire two-way repeaters.

Ken also writes that the Blade mentioned WXAE-40, but no signon date was given.

And now for Forum Canada...

Dave Sinclair, Vancouver BC:

Dave sent along two Vancouver-area items. The first, from the July 25 Burnaby News, notes an epidemic of vandalism which seems to have struck Rogers Cable in the wake of a lockout of union technical workers.

While the IBEW union claims no connection, cable lines in telephone manholes have been cut, leaving adjacent telephone cables untouched, and cable line amplifiers have been removed.

The union says it was locked out after refusing to accept a 25% wage cut; it had offered a no-increase contract.

And, from the July 22 Vancouver Sun, a note that applications for dozens of new specialty cable channels have poured into the CRTC in the wake of changes in cable regulation.

Bill Hepburn, Brampton ON:

Bill has more info on the TVOntario rebroadcasters reported in the July VUD:

TVO English:

CICO-TV-95 ch. 49 Tobermory
CICO-TV-96 ch. 48 Hawkesbury
CICE-TV-11 ch. 42 Parry Sound
CICE-TV-16 ch. 29 Pembroke

La Chaine Française:

CHLF-TV-1 ch. 25 Sudbury
CHLF-TV-2 ch. 39 Hawkesbury
CHLF-TV-13 ch. 17 Pembroke

NASHVILLE '93

Thanks to everyone who made this convention successful! I don't think anyone regretted coming, and I sure know I had a good time putting faces to all the names I've read in the VUD, (and several new ones!) The early Sunday Texas opening was a blast too!

Special thanks go to Jim Dietrich for providing antennas, baluns, feedline, preamps, and rotors (too bad Jim didn't bring a bigger car-- he could have sold his FM antenna 3-4 times!); and to Tom Yingling for the use of his TV and Icom R-7000 on the UHF DX station. (I WANT A R-7000!)

Also to Tom Bryant (who really did most of the work!). And to the broadcasters of metro Nashville (who came through in style for the "goodies bags"). And finally, to the Days Inn Central, which provided an excellent room, a great banquet, and bent over backwards to help us in other ways. Should we ever go crazy and agree to host a convention again, it'll definitely be in the same place!

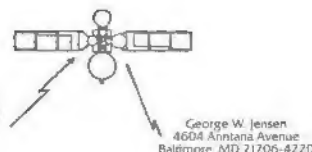
Seriously, while hosting a convention was a fair amount of work, it's also a lot of fun. I strongly encourage anyone considering bidding on the 1994 convention to do so. I would suggest that it's a pretty big job for one person; you should try to find an assistant in your area. Go for it!

DX ETC.

A little scatter. Local W271AB was off for a couple of days in mid-August but only semi-local WDRM-102.1 was logged. But after the convention & the July openings, it was time for a breather!

73 Doug

SATELLITE NEWS



Another bunch of changes and something different from Brian Webb in California.

Brian had monitored some items from military satellites. On 262.200 some traffic noted from Geosynchronous military satellite at about 95 W. He was using an FM narrow mode with a Radio Shack PRO-2006 receiver off a homebrew 12 element UHF Satellite Quad. Any items of this nature are always appreciated...please send them in.

The trees have been removed by my neighbor and some surprises were there. I now receive all European C-Band birds up to 6 West.

Telecom 2A at 8W

2V - France occasional in PAL and SECAM

4V - France occasional in PAL and SECAM with some program from various networks - M6 - Metropole TV noted.

5V - RFO the service to colonies and overseas states noted in SECAM with many program feeds including Loveboat dubbed in French

All of the above with a good grade B signal.

Stations 11 - 11 W (former Gorizont)

6 - EBU (European Broadcasting Union) Moscow permanent feed in PAL and SECAM - good Grade E signal

Stations 4 - 14 West

6 - Cubavision in evenings with fair to poor (grade C) signal in NTSC. Seems to be weaker than 11 with greater bounce.

Intelsat at 18 and 21W have poor video at 23/24 XPDR. The 21 West is almost useless at this time. Intelsat K at 21 West is a Ku powerhouse, but all signals are encrypted. Intelsat at 24 is good, but video is poor again at 23/24 XPDR.

Changes in US sats. =

Galaxy 7 -

2 - CBS encrypted

19 CBS

14 - Family Network

ABC mostly now on T302 at 85 W - XPDR's 4, 8, 10, 11 & 19

ABC West on G3 - 19

CBS has migrated mostly to the new G4 on XPDR'S 16 thru 21.

Delete the SportsChannel on Satcom 2 XPDR 17

Gala Americana testing 12 hour program on TDRS 4 41 West transponder 11 in PAL.

Be aware that Galaxy 6 is now Galaxy 4

Many changes on Morelos birds.

Delete all video except XPDR 14. others are currently used for feeds.

On Morelos 2 - Add-

XPDR 10 - XHMT - with ID's as Canal 22

16 - Senal de Prueba from 21 in the clear so far

18 - Educational feeds

24 - XHDF - Channel 13 -

That's all for now. See you in 30.

George

EASTERN TV-DX

Stephen West
26 Dougherty Blvd. G-8
Glen Mills, PA 19342

(215) 358-2648

September 1993

Deadline: September 5

Skip season is finished without any unusual openings of double hop, high maximum usable frequencies or any extremely short or long single hop distances reported. The best day for skip was 7-11 but many reporters had skip on various days when others in the club had no skip to report. Tropo is on the upswing with July 4, 6, 7, 9, 11 and 12 reported by several members.

The WTFDA convention featured 600 mile tropo to Texas. Did someone order DX from room service or did they make a request to an authority much higher up?

As usual some of the best DX was sited from the Sunshine State.

Many thanks to reporters for sending reports in the proper format and especially the reports that are published intact as submitted. The reports that have required typing by this editor have been reasonable in size. I like to fill empty areas with logos so send them along with reports. You may want to fill areas with comments on programs or anything unusual about a station. Some reporters using word processors and computers have trouble making double columns but as long as the columns (date, mode, time, call letters) are in order and there isn't a lot of empty space that is fine.

Be sure to check the weather forecasts for approaching hurricanes, which can produce the best tropo conditions. More important, don't forget to report your DX.

The more your report conforms to the format the less chance for edits. You are your own editor.

Thanks for the extras sent with reports, sorry I can't answer every correspondence. My mother passed away in July, I've been busy.

Doug Smith W9WI 14 Brookside Ct., Nashville, TN 37209-4503

June 1993

10 Tr	2100	WTVO-36	KY (182)	(W36AK off)
		WKYU-24	KY (66)	(over local W24AE)
		W43AG	KY (62)	(Hopkinsville LPTV)
		W62BH	KY (81)	(Hopkinsville TBN)
		W55AJ	KY (117)	(Hawesville KET-PBS)
		WHIQ-25	AL (95)	
		WEHT-25	(KY) (121)	
		WDRB-41	(IN) (157)	
		WLKY-32	(IN) (158)	
		unID-20		(beaming WNW - WICS-IL?)
27 Tr	0800	WBNA-21	KY (139)	(VERY rare--2nd time seen)
		WCET-48	OH (234)	(Sesame St. => Barney w/o ID, except they supered one over the beginning of Barney.)
				(over WOTE-22)
		WKEF-22	OH (275)	
		WDRB-41	(IN) (157)	
		WLKY-32	(IN) (158)	
		WKRC-12	OH (234)	

July 1993

9 Tr	2318	WCMS-8	WV (304)	(Rush Limbaugh, local ads)
		WPSY-33	WV (293)	
11 Tr	0022	WEHT-25	(KY) (121)	(snow-free)
	0117	unID-21		(weak with HSS // W24AE. Suspect WBNA-KY.)
				(weak)
25 Tr		unID-64		(Convention DX, between midnight and about 10AM)
		KETQ-9	AR (378)	
		KOLR-10	MO (339)	
		WHAS-11	(IN) (155)	
		KHOG-29	AR (395)	(loop only!)
		KSPR-33	MO (339)	(snow-free with loop!)
		KDTH-58	TX (610)	

Eastern TV-DX

September 1993

Jim Renfrew, 61 Wilcox Street, Rochester, NY 14607-3832

Equipment: JVC auto radio, old GE TV 717-461-2717 (h)
with rabbit ears. 717-494-1847 (Tu & Th)

June 1993

3	Es	1312	KCEN-6	TX (1322) (t)
15	Es	1912	WCBD-2	SC (726)
"My shortest skip to date!"				
21	Es	2002	WDIQ-2	AL (940) (t)
25	Es	1202	KATC-3	LA (1197)
		1304	WLEB-3	MS (1018)
		1306	WMAB-2	MS (884)

June 1993

28	Es	1230	WPBT-2	FL (1209)
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July 1993

1	Es	1406	WCTV-6	GA (920) (t)
"The M.U.F. was at 107.3 Mhz."				

All times listed are EDT, Ch. 6
receptions were on the car radio.

Jeff Falconer, Box 63, Clinton, Ontario Canada NOM 1L0

Equipment: Icom R7000, 25 element log periodic at 25 feet AGL.

December 1992

18	Es	0134	KNOP-2	NE (997)
		0201	WGN-2	CO (1242)
		0214	KCNC-4	CO (1242)
19	Es	1527	UNID-2	PQ (t) (Fr.)
		1699	WGBH-2	MA (536) Prev. MS
	tr	1808	WTAE-4	PA (234)
21	Es	0334	CRYB-4	MB (972)
		0353	CKND-2	MB (857)
		1058	WEDU-3	FL (1084)
		1059	WPBT-2	FL (1236)
		1100	WESH-2	FL (997)

March 1993

27	tr	0815	WEHS-60	IL (332)
		0816	WSNS-44	IL (332)
		0818	WCYU-26	IL (332)
		0830	WINM-63	IN (223)

June 1993

12	Es	1200	WTVY-4	AL (883)
21	Es	1717	WWL-4	LA (1056)
		1747	WETS-2	FL (997)
24	Es	1729	WPBT-2	FL (1171)
		1730	WJXT-4	FL (918)
		1732	WPTV-5	FL (1171)
		1733	WEDU-3	FL (1084)
26	Es	1551	KJRH-2	OK (923)

Skip in the middle of the
night, an insomniacs dream!
I changed the 12-19 logging
from WGBS-2 to WGBH-2, I
didn't think my local Ch. 57
had a station in Mass. sw

SAUL CHERNOS - 57 BERKELEY ST., TORONTO ON M5A 2W5 (416) 364-0725

June 1993

11	Es	(Burnt River)	
1050	unID	2	Spanish and mentions Cuba, Mexico
1055	KPRC	2	TX Houston

July 1993

7	Tr	(Toronto)	
0825	WNWO	24	OH Toledo
0830	WVIZ	25	OH Cleveland
0835	CJCO32	32	ON Windsor TV Ontario
0845	WGPR	52	MI Detroit
0850	CBLN	64	ON Chatham CBC English
0900	CIII55	55	ON Fort Erie Global
0905	CICO	59	ON Chatham TVO
0910	CICO	51	ON Penetang TVO
11	Tr	(Toronto)	
0800	W3BAW	38	NY Rochester MSTV LPTV
0810	W15AL	15	NY Rochester LPTV
0820	W	59	NY Rochester xltr // 49 Buffalo
12	Tr	(Toronto)	
0855	CBFT12	53	ON London CBC SRC
24	Es	(Burnt River to AR, MO, OK, TX)	
1200	ABC 2	(WBRZ???)	
1203	Winnie	the Pooh cartoon, separate maybe from the ABC	
25	Es	(Burnt River)	
2100	KGFE 2	ND Grand Forks Prairie Public TV	

COMMENTS: Because the tower is down at Burnt River - my parents rebuilt the place and an antenna isn't up yet - I've made do with indoor rabbit ears and a car FM radio. Otherwise I'd have more in the Es dep't. In Toronto, only ch. 2 is viable for Es in my downtown apartment, and, with a mere dipole for VHF for the time being, I've only had unIDs for Es, preferring to concentrate on FM.
73s, Saul

TOM BRYANT - 849 TODD PREIS DRIVE - NASHVILLE, TN 37221 - 615-645-2000 - (OUT)

EQUIPMENT: VHF & FM: Antennacraft CS-1000 @ 20'; UHF: Antennacraft P-5 parabolic w/Antennacraft preamp @ 25'; RG-6 coax on both; Archer rotor; Emerson VCR (model 754); Portland 13" color receiver. New loggings underlined. Relogs noted only when rare.

July 1993

4 Tr 0650 WISB 65 IL 407 4 Tr 0630 WUFI 18 IN 301 9 Tr 2325 WCHS 8 WV 319
0659 WHS 60 IL 405 0630 WUYS 62 IN 304 23-24-25 [SEE NOTES]
0659 WISB 65 IN 196 6 Tr 1859 KENW 3 NM 563 26 Tr (SEE NOTES)
(Rel-Terre Haute)

NOTES: Lousy month for Es with only one sth ID'd..pretty terrible Es summer for that matter (but I did snag two new ones in June). The convention catches left me in a bit of a predicament. I would have liked to have counted ALL the stuff they got while I was present in the room, but decided that wasn't really fair...so I opted to add only three stns to my home log (less than 25 miles from convention site): KMTV 9 OK 594; WFAA 8 621 TX; and KTEN 10 OK 556. My reasoning was that I was operating the receiver at the time these were logged (7/25 between 0400 and 0530); it was the tv set from my shack; and I was only casually observing the UHF catches being snagged by Bob Seybold. At any rate I managed to get one new state out of the "DX Shootout". 7/25 saw a big evening Tr opening from NW thru NNE..all relogs..Peoria, Indy, Springfield (IL), Lexington (KY), Dayton, etc. all s/f or near s/f. Finally, thanks to everyone who came to the convention as well as a couple of members who called to wish us well. It was really a lot of fun; and although hosting precluded some of the more leisurely socializing and gabbing, it was still a blast. There's a detailed report elsewhere in this issue. Hey...I'm already looking forward to next year! 73's and goodDXing. — Tom

Joseph Fela, 150 Robert Place, So. Plainfield, N.J. 07080

August 1993

3 Tr 0845 WLTX-19 SC (550) August 1993
4 Tr 0850 Springfield, Mass. U's
WLO-25 SC 5 Tr 0900 WUNG-58 NC
WRLK-35 SC 2100 Boston U's snowfree

"Some nice early morning humidity ducting that develops out of nowhere, comes bombing in strong, then fades out completely in less than an hour."

Stephen West, 26 Dougherty Blvd. G-8, Glen Mills, PA 19342-1140 N3FY0

Equipment: Winegard PA-4975 UHF amp., 8-Bay UHF antenna indoors at 400' ASL.

July 1993

16 Tr 0835 WSBE-35 PA (300) (t)

August 1993

2 Tr 0830 WNSC-30 SC (440)

WRLK-35 SC (480)

4 Tr 0830 WCCB-18 NC (420)

WUNM-19 NC (320)

WFLP-22 NC (320)

WTAT-24 SC (t)

WNSC-30 SC (440)

W34AX-34 NC

August 1993

4 Tr 0900 WRLK-35 SC

WCTP-36 SC (t) (tone)

WFCT-62 NC (370)

WZXX-65 VA (180)

8 Tr 2300 WUNM-19 NC (320)

10 Tr 0830 WUNM-19 NC

WHMC-23 SC (430)

2030 WUNM-19 NC

11 Tr 2100 Boston U's

WUNM-19 NC

Skip has skipped town but tropo has taken over. There has been a lot of Virginia and Connecticut tropo which I don't report. WPDE-15 in South Carolina has been seen on the Ch. 25 Xltr. of WHRO-15. I probably had Ch. 5 in Boston one night but I missed the ID, they mentioned NewCenter 5 News. Ch. 14 in Arlington, VA is on now. They have Home Shopping but it is different than Ch. 24 in Baltimore, but no better. They have a red house in the corner instead of blue. It is interesting to not that Joe Fela had ducting to South Carolina on mornings I didn't, and vice versa.

Dave Nieman - 12284 Nice Road - Akron, New York 14001-9529

Equipment: RCA 19" b&w TV with Teknika 6510 tuner. Channel Master 3617B VHF antenna on a CDE rotor at 23' ASL (813' ASL). Channel Master 4251 (7' dish) UHF antenna into a Blonder-Longue CMA-Ub preamp on a crankup tower at 30' ASL (820' ASL) with Alliance HD-73 rotor. Using RG-11 coax feed for both antenna. New loggings are underlined. New call (KKKK).

July 1993

1 Es 1359 WEDU-3 FL 1065

1400 WCPX-6 FL 1002

July 1993

6 Es 1130 KLNE-3 NE 1091

1258 KOTA-3 SD 1235

1328 WLB7-3 MS 983

July 1993

16 Es 1139 KBME-3 ND 1143

20 Es 0060 C22-3 SA ????

(see Note #1)

NOTES:

#1 Call slide for CKOS-5 Yorkton Saskatchewan.

Skip season has come to a quick end and no sign of any long haul tropo. Dave

Dave Nieman - Ho Sta Oeh Road - Rock City, New York

Equipment: Harvard 13" color receiver/monitor. Channel Master 3617B VHF antenna at 15' ASL (2405' ASL) on a Radio Shack rotor. RG-6 coax feed into Winegard FT-7600 FM trap and DA-205 distribution amp. Antennacraft P-7 (7' dish) UHF antenna into a DX Tele Lab EU-4S preamp at 25' ASL (2415' ASL) on a Alliance U-110 rotor, RG-11 coax feed. New loggings are underlined. New call (KKKK).

July 1993

4 Tr 0729 WMHI-17 NY 232

0830 WDCD-19 MA 274

July 1993

5 Tr 0411 WRQI-45 OH 341

0438 WLIQ-35 OH 306

0500 WTLW-44 OH 308

0700 WTLW-44 WV 212

July 1993

30 Es 1900 WEDU-3 FL 1002

August 1993

1 Tr 0830 CBFT14-32 ON 186

0900 CHQT-40 PQ 274

(see Note #4)

NOTES:

#1 Over WNEB Buffalo, NY

#2 Running 3/4 modified color bars with ID on it.

#3 Running 3/4 color bars with ID on it.

#4 Running 3/4 color bars with no ID on it. Sign-on at 09:00.

Seen some short haul tropo on the weekends. July 30th I mistook the CC on the low band as tropo. It turned out to be E-skip to Florida; but I missed some IDs. Dave

Eric Voytko 1721 Dalewood Place, McLean, VA 22101

703-356-9663

Equipment: All loggings from Pickett Rd, Fairfax, VA; Sony KV-8AD11 TV, Archer U-120 Winegard CP-4800 amp at 25 ft.

July 1993

9 Tr 0830 WKFT-40 NC 260

WUNP-36 NC 190

WUNJ-39 NC 320

W388B NC 240

(Raleigh TBH)

WUNM-19 NC 260

WYDO-14 NC 250

WYED-17 NC 240

WYDO-14 NC 190

(Henderson CHA)

WUNP-36 NC 190

WUNJ-39 NC 320

W437 VA 150

(Va. Beach HSC)

W58CD NC t

(note #1)

12 Tr 0730 W52AX MD 40

(Leonardtown MSTV)

WGMT-27 VA 150

WTVZ-33 VA 150

WHRO-15 VA 150

WYDO-14 NC 250

WYED-17 NC 240

W34AX NC 190

(Henderson CHA)

WUNP-36 NC 190

WUNJ-39 NC 320

W437 VA 150

(Va. Beach HSC)

W56CS VA 150

(Portsmouth HSS)

15 TS 0605 WTJC-26 OH t

(note #2)

26 Tr 0715 WVIT-30 CT 290

0730 WYDO-14 NC 250

WUNM-19 NC 260

W41AC VA 110

(Onancock WAVY-10)

W44AD VA 110

(Onancock WTKR-3)

W56CS VA 150

W50AL VA 110

(Onancock WVEC-13)

W25AA VA 110

(Onancock WHRO-15)

WUNK-25 NC 230

Note #1-Received this one several times with HSS while Raleigh was in good, but no ID.

I know W58CD is licensed to Raleigh, but don't know if they run HSS.

Note #2-Brought in the R-7000 this day and had no tropo, but some interesting scatter. This station was 26+, definitely HSC (not Spree) and due west. Could be WTJC or K26CR-MO; although I doubt it's the latter, either one is rare path under and conditions.

STATION NOTES: WRDC-28 Durham non-ID's as "Tri-28" (Raleigh, Durham, Chapel Hill)

WFTY-50 D.C. runs Valuevision at night

COMMENTS: Lots of new LPTV's from the big hill in Fairfax, North Carolina openings are much better here than at McLean, even though the dish is there. The U-120 is a poor performer by comparison, though; northern stations are impossible (WVIT could only be received off back) and the nulls are few. I would like to install a dish here, though it would have to be a retractable installation as this area is known locally as 'tornado alley'. -E.V.

Eastern TV-DX

September 1993

Jeff Wolf, 1131 University Blvd., Apt. 701, Silver Spring, MD 20902

Equipment: Daytron 12" B&W TV, Sears AM/FM/TV radio, Radio Shack 15-1104 VHF/UHF amp (only used for UHF), 4 bay UHF antenna, twin bow tie UHF antenna (both Radio Shack), Radio Shack 15-235 rabbit ears (used for VHF) and also using the buildings VHF antenna for channels 2,3,4,5,8,9,10,11 and 13 (antenna is pointed northeast).

July 1993

1 Es 1927 WPBT-2 FL (900)
3 Es 1015 CUBA-3 (t)
1342 KATC-3 LA (t)
1515 (M.U.F. 92.9)
1530 KFDX-3 TX (1225)
2240 UNID-2 (NBC)
4 Es 1115 CUBA-2 (t)
5 tr 0858 WYDO-14 NC (250)
6 Es 1900 WPBT-2 FL (900)
8 tr 0750 WRDC-28 NC (248)

July 1993

12 tr 0700 WYDO-14 NC (750)
15 Es 1904 KGAN-2 IA
24 Es 1207 UNID-3
tr 1529 WQEX-16 PA (186)
25 tr 0102 WPIX-11 NY
WCBS-2 NY
Es 1518 UNID-3 (ABC)
1529 WQEX-16 PA
1804 WBRZ-2 LA (950)
tr 2100 HSN on ch. 43 VA

Frank Wheeler, 8533 Wattsburg Road, Erie, PA 16509

Equipment: Crosley Color TV (1992), Archer VU160 antenna

June 1993

23 Es 1055 WPBT-2 FL (1112)
24 Es 1900 WPBT-2 FL
1927 WWL-4 LA (1002)
25 Es 1100 WPBT-2 FL
1130 WTVJ-4 FL
1228 WEDU-3 FL (988)
1230 WWL-4 LA (1002)
1301 WBRZ-2 LA (1016)
28 Es 1055 WPBT-2 FL
1159 WEDU-3 FL
1300 WTVJ-4 FL
2200 KPRC-2 TX (1212)

June 1993

30 tr 0725 WCMU-14 MI (254)
0930 CFMT-47 ON (115)
July 1993
1 Es 1303 WEDU-3 FL (988)
1330 WFBT-2 FL
WUFT-5 FL (862)
WTVJ-4 FL (1112)
2000 WESH-2 FL (908)
3 Es 1057 WPBT-2 FL
1327 WBRZ-2 LA
1330 WEDU-3 FL
1530 KPRC-2 TX (1212)

Sorry I didn't receive your report of May 13th (unlucky even on a Thursday I guess) so I will print it if you can send it again. sw

Keith R. Short, 3515 Medina Avenue, Columbus, Ohio 43224

Equipment: 1978 Sears 19" Color TV, Archer Color Supreme 200 amplified indoor antenna, Archer double bow tie UHF antenna, Sears 26" Color TV (1987) with an Archer Supreme amplified TV/FM antenna.

June 1993

3 tr 0145 WTSP-61 KY (129)
18 tr 2330 WKIX-19 KY (111)
WOUB-20 OH
WUPW-36 OH (144)
28 Es 1355 WPBT-2 FL (1261)
30 tr 0127 WMPD-58 OH
July 1993
7 tr 1255 WTWO-2 IN (249)
10 tr 2100 WBOY-12 WV (180)
2140 WSTR-64 OH (111)

July 1993

10 tr 2335 WTRF-7 WV (126) *
2345 WPTT-22 PA
11 tr 0040 WPTD-16 OH
WKBF-22 OH
WRGT-45 OH
0055 WAKC-23 OH (126)
0105 WLIO-35 OH

*mentioned Tri-State area

Thanks for the report and the WPBT-2 reception verification, it's good to hear from new reporters (and the regulars)! sw

Channel 7 in Philadelphia

8:00	9:30	9:00	10:30	11:30	11:00	11:30
R.L. and Co.	Radio on TV	Psychic Advice Line 22015	Astrology/Numerology	All Night Psychic Line 65763		

Eastern TV-DX

John F. Combs N4SFS, POB 721027, Orlando FL 32872

JUNE 1993

3 Tr 0726 KADN-15 LA 667
0727 KETH-14 TX 858
0727 KRIV-26 TX 857
0727 KTMU-48 TX 841
0727 KHSB-67 TX 858
0727 KHTV-39 TX 858
0727 KXTX-39 TX 970
0728 KXAN-36 TX 997
0730 KBVO-42 TX 997
0731 KXLN-45 TX 858
0731 KNCI-46 TX 991
0731 KHSX-49 TX 970
0739 KVDA-60 TX 1023
0757 KITU-34 TX 765
0800 KDAF-33 TX 970
0806 KDTX-58 TX 970
0852 KTFH-48 TX
0900 KVRH-29 LA 746
Es 0907 WFSB-3 CT 1032
0907 WSTM-3 NY 1037
0913 KFOR-4 OK 1062
0920 KFDX-3 TX 1061
0924 KTBS-3 LA 802
0940 KFSM-5 AR 902
0958 KCTV-5 MO 1091
1050 Had to leave...
Tr 2208 KMCT-39 LA 692
2208 KARD-14 LA 692
2211 WDAU-34 AL 368
2213 WMCN-45 AL 396
2213 WGNX-46 GA 408
2213 KHSX-49 TX 970
2213 WACH-57 SC 383
2214 KHSB-67 TX 858
2222 WAIQ-26 AL 399
2222 WIIQ-41 AL 472
2222 WTLQ-42 AL 422
2236 WVEU-69 GA 406
2239 KXTX-39 TX 970
2239 KDAF-33 TX 970
2242 WWSN-66 AL 369
2303 WOLO-25 SC 384
2349 WJPM-33 SC 409
2353 WWSN-66 AL 473
4 Tr 0000 KMSA-33 LA 802
(ID came out of nowhere then gone)
0005 WJSP-28 GA 361
0008 WCAJ-68 AL 474
0440 KLTG-16 AR 786
0442 WLFL-22 NC 518
0442 WGBS-30 MS 512
0510 WGGT-48 NC 515
+ many of the same
stns as last night

5 Tr 2100 WPGC-61 FL
Palm Beach
6 Tr 0658 WSRE-23 FL 380
0658 WPMI-15 AL 407
0658 WHER-33 (AL) 407
2248 Mobile 5,15,42
2248 Pensacola 23,44
7 Tr 0736 Mobile-Pensy U's
0737 WDAU-34 AL 368
0738 WGNX-46 GA 408
0800 WAPT-16 MS 599
0805 WDBD-40 MS 594
0815 WXXV-25 MS 450
Es 1129 KTVY-3 MO 900
1149 KMOL-4 TX 1023
1153 KPRC-2 TX 858
1159 UNID-3 full CB
1224 KIII-3 TX 991
1229 KENS-5 TX 1023
2302 WJKA-26 NC 429
2302 WJNC-39 NC 429
2302 WUNC-36 NC 467
2332 WLTN-19 SC 387
2337 WTVI-42 NC 464
2337 WUNG-58 NC 467
2338 WJKA-27 SC 376
2344 WIS-10 SC 389

8 Tr 2030 Wilmington U's
2030 SC 15,19,27,33
2051 WYDO-14 NC 532

JUNE 1993

9 Tr 0636 Wilmington U's
0636 WPDZ-15 SC 421
0636 WKFT-40 NC 502
0636 WFCT-62 NC 459
0641 WUPN-36 NC 574
0651 WJZY-46 NC 473
0654 WCNC-36 NC 408
0705 Had to leave...
2038 Florence 13,15
2038 Wilmington U's
2038 Many other SC U's
2214 W44AX SC 310
2217 WCTP-36 SC 320
Charleston (TBN)
Charleston
10 Tr 0446 W48BH GA
Statesboro
(see note #1)
11 Tr 0011 WLFL-22 NC 518
0011 WPTF-28 NC 521
12 Es 1558 WDIV-4 MI 970
1558 WSTM-3 NY 1037
1604 WFRV-5 WI 1158
1633 WHEM-5 MI 1042
1659 WPSX-3 PA 885
1810 CKVR-3 ON 1097
2114 KTTV-4 IA 1279
16 Es 2050 KMOW-4 MO 863
2138 WDAF-4 ? MO T
2138 KCTV-5 ? MO T
17 Tr 0515 Macon U's 323
0518 Atlanta U's 408
18 Tr 0040 SC 19,24,25
0500 Macon U's 323
0500 Atlanta U's 408
0500 WTLN-14 GA 458
0505 WCNC-36 NC 467
0505 WJZY-46 NC 473
Es 1930 WTVH-5 NY 1038
2025 KCTV-5 MO 1051
2056 WMAQ-5 IL 990
19 Es 0945 UNID-5 2,3,4
21 Es 1205 WAPA-4 PR 1198
1205 WJPM-3 PR 1159
1207 WKAQ-2 PR 1198
1207 WORA-5 PR 1149
24 Es 1816 CPCW-4 MA 1106
1845 WBZ-4 CT 1032
1850 WFSB-3 CT 1032
1900 WABT-5 ME 1303
29 Es 1124 KRGV-5 TX 996
1124 KGBT-4 TX 1022
1141 KIII-3 TX 991
1142 KHPN-3 CL
(see note #2)
1156 KMOL-4 TX 1023
1220 KENS-5 TX 1023

JULY 1993

2 Es 1149 KIII-3 TX 991
1258 KFOR-4 OK 1062
1430 KTXI-5 TX 1262
(see note #3)
3 Es 1124 WCCO-4 ? MN T
1129 KTVO-3 MO 1011
1259 WOI-5 IA 1148
1414 WHEM-5 WI 1042
1605 WFRV-5 WI 1158
1726 WMBF-4 FL 1037
1746 KXAS-5 TX 971
1900 KMOL-4 TX 1023
1900 KJAC-4 TX 770
1901 KATC-3 LA 673
1912 KIII-3 TX 991
1914 KGBT-4 TX 1022
1917 KPRC-2 TX 858
5 Tr 0007 WPDZ-15 SC 421
0007 WTAT-24 SC 320
0007 WJKA-26 NC 429
0007 WUNJ-39 NC 429
Es 1345 UNID-4 SS
1348 KGBT-4 TX 1022
1426 KRGV-5 TX 996
1427 KIII-3 TX 991
1715 WMAQ-5 IL 990
1720 WTMJ-4 WI 1010

September 1993

14071282-6945

JULY 1993

5 Es 1729 KTVO-3 MO 1011
1753 WUWV-4 MI 970
1757 KLMT-3 IA 1154
1907 KMTV-3 NE 1210
1918 KDFW-4 TX 971
1927 KFDX-3 TX 1081
1933 KOCO-5 OK 1062
2029 KENS-5 TX 1023
Tr 2040 Mobile-Pensy U's
+ WKRG-5 AL 419
Es 2047 KXAS-5 TX 971
9 Es 1212 KBTX-3 TX 893
1221 KDFW-4 TX 971
1230 KPRC-2 TX 858
1241 KXAS-5 TX 971
1248 KFDX-3 TX 1081
1249 KAT-5 TX 1262
1259 KMT-4 TX 1023
11 Es 1550 KPRC-2 TX 858
1550 KIII-3 TX 991
1600 KJAC-4 TX 770
1637 KENS-5 TX 1023
1643 KMOL-4 TX 1023
12 Es 1804 KHTV-4 DF 1283
1815 XHGC-5 ? BF T
(Tiny Toons)
14 Es 1304 KGBT-4 TX 1022

(Log now at 474 stations)

Note #1: Slide that reads "WGA-TV 48 Statesboro, Ga. welcomes you to our viewing area...we begin daily programming in July"
Note #2: Calls seen thru KIII-3 --- I strongly suspect this to be the source of the unid full CB often seen on 3 when south TX in on Es.

Note #3: First time I've EVER been able to 've this one in 20 years!
June started out with a bang with the first Gulf tropo ever seen by me in June. (Last year's July Gulf tropo was also a first!) There was also some pretty fine Atlantic coastal tropo later in the month. The summer Es season wasn't too bad... I've seen much worse. I confess that this year my attentions have centered on FM whenever the MUF topped 88 mhz, so there have been big swatches of skip openings where I have all but ignored TV. I know that's blasphemy to you TV-only types, but I've almost reached the single-hop saturation point on TV skip, at least on channels 2-5 (WCPX-6 is a formidable local to deal with...) I DID log a new state (NE) and finally logged KTXI-5 after years of trying. I would often note PBS on 5 during TX openings over the years, but until this summer could NEVER get an ID on them! New WFGC-61 is religious and seems to be affiliated with WCLF-22 et al., though not always in //, Alas, we will soon enter that no-man's land between summer skip and fall tropo! 73, JOHN.

WESTERN TV-DX

Fred McCormack
PO Box 65666
St. Paul MN 55165-0666

(612) 735-6860

Deadline: 10-07-93
Cut-off: 07-01-93

September 1993

It looks like July was a good month for TV-DX. The column has swelled to 12 pages of loggings and commentary (although a significant portion of the column is dedicated to old loggings). E skip was reported by someone on every date in July with the exception of 20, 22, 26, and 31. One hot E skip date was the 14th when Mike Cherry found 6 meters open to "just about every part of the US and southern Canada all at once." Long haul UHF was noted from Illinois to Texas by Robert Delaney on the 25th and 26th and from Baton Rouge to Nuevo Leon by Jeff Kruszka on the same dates. And there was lots more!

The column is being printed on a crippled printer this month. I don't know yet what has happened, but the result is that the bottom row of each character is not printed. This affects the frequently used underline as well as the lower case letters q, p, q, and y. I can't do much about those letters, but this month I am attempting to use bold print to indicate new loggings instead of the traditional underline. I hope it is obvious in the final production.

New New Mode Tent. ~ t Unidentified unid S/On - + S/off - =
ID Color Bars - @ Jnid Color Bars % Misc. Test Patterns - &
Parallel Programming // MTS Stereo \$

THIS MONTH, NEW LOGGINGS ARE SHOWN IN BOLD PRINT INSTEAD OF BEING UNDERLINED

Mervin Shultz, RR #1, Toulon IL 61483

CDT

June 1993	9 Es 2100	KENW	3 NM	915	18 Es 1930	WUFT	5 FL	890
2 Es 1928	XEPH 2 CH 1125	unid channel 3	2156	KPRC 2 TX 855	21 Es 1859	WCBS	2 NY	825
1930	KPRC 2 TX 855	2240	KJTV 2 UT 1160	1930	WGBH	2 MA	960	
	KVBC 3 NY	11 Es 0628	WUND 2 NC 810	2000	WLBZ	2 ME	1095	
2202	KASA 2 NM 970	12 Es 1430	WESH 2 FL 965	July 1993				
	KTVK 3 AZ 1330	1458	WPBT 2 FL 1180	1 Es 1930	KWGN	2 CO	810	
2214	KPHOT 5 AZ	13 Es 1336	KRTV 3 NT 1140	1934	KASA	2 NM	970	
5 Es 1512	CKCW 2 NB 1290	1338	CKKX 2 AB 1345	2000	KENW	3 NM	915	
	CKLT 3 NB 1220	1340	KTVQ 2 MT 985	3 tr 0553	KELO	11 SD	380	
8 Es 1930	XEPE 2 TA 1055	16 Es 2159	XEPH 2 CH	Es 1430	WEDU	3 FL	1010	
1959	KPRC 2 TX 855	17 Es 1759	KUTV 2 UT 1180		WPBT	2 FL	1180	
2000	KMID 2 TX 925	1800	KSL 5 UT 1165	6 Es 1959	XEPH	2 CH	1126	
9 Es 1650	unid channel 2	2100	unid ch 2 Mexico	9 Es 1957	KWGN	2 CO	810	
1656	unid ch 3 PBS	18 Es 1859	WPBT 2 FL 1180	2041	KUTV	2 UT	1160	
1948	ICR 2 Cuba		WEDU 3 FL 1010					
2030	XEJ 5 CH 1125	1900	WESH 2 FL 965					
2100	XEPH 2 CH 1125	1929	WTVJ 4 FL 1180					

Jeff Kruszka 7706 M N Jefferson Place Cir Baton Rouge LA 70809 504 923-0196 CDT

Equipment.
1992 Zenith "Sentry 2" 13" color TV (Model #S1316S), UHF: RDX Labs JA 900 preamp. Channel Master 4228A 8-bay @30 ft. VHF: Rabbit ears + quad loops for chs. 3 and 5. Multisubshi HS-L31 VCR

July 1993				3 tr 0636	KLDT	55 TX	380		5 tr 0752	KVDA	60 TX	445	
1 Es 1720	unids 4,5			0651	@KXXV	25 TX	380		Es 1152	unid SS 3,4			
1805	KXJB	4 ND	1130		0652	KBYO	42 TX	395		1708	WWAY	3 NC	810
1808	KDLO	3 SD	1025		0654	@KFWD	52 TX	395		1712	WEFT	5 NC	805
1828	KDLH	3 MN	1080			(o/local K52CQ)				1716	WUNC	4 NC	790
2 Es 1459	unids 3,4				0703	KXAN	36 TX	395		1728	WRAL	5 NC	810
3 tr 0531	@KLRT	16 AR	305		0905	KVDA	60 TX	445		1924	unid 3 Spanish		
0541	KABB	29 TX	445	Es 1450		unids 3-6				2126	unid 6		
0554	KLTV	7 TX	280			(No time)			6 Es 1701	unid CBs 31			
0559	KJTX	39 TX	365		2140	KDBC	4 TX	910		1714	unids 4,5		
0600	KDFI	27 TX	365		2158	KOB	4 NM	956		1743	WRC	4 DC	985
0606	unid 27 TBN to n			5 tr 0745	WMAV	18 MS	295			1800	KYV	3 PA	1120
0610	KTXA	21 TX	395			(WMAJ-17)			8 tr 2328	W58BO	58 MS	80	
	KHSX	49 TX	375		0752	KXAN	36 TX	395			(Natchez TBN)		
0622	@KHCE	23 TX	446			KRRT	35 TX	475		2330	unid 27 TBN		

Western TV-DX

September 1993

Jeff Kruszka (continued)

12 Es 1738	unid 3 wk brief	24 Es 1845	XHTV	4 DF	925	26 tr 0110	K17BY	17 TX	445					
15 Es 2200	unid 3 vy brief	tr 2200	KLRJ	18 TX	395		(San Antonio GLA)							
18 Es 1140	unids 3,4	2230	KMBH	60 TX	495	0116	KNVO	48 TX	525					
23 tr 0601	KUVN	23 TX	365	KvDA	60 TX	0133	-XHMN	28 NL	650					
	2324	KRRT	35 TX	475	25 tr 0056	KTXA	21 TX	395	(2 nights in a row!)					
	2330	KMCT	46 TX	375	0124	KAVL	25 TX	370	0148	K22DP	22 TX	310		
	2355	KDFI	27 TX	365	0136	KVEO	23 TX	500		(Bryan vln u/KLTJ)				
	2358	KTXA	21 TX	395	0207	-XHMN	28 NL	650	0158	KXAM	14 TX	445		
24 tr 0901	KCTF	34 TX	360	Es 1821	TGV	3 GU	1100	0206	K33CK	33 TX	445			
	0024	KVEO	23 TX	500	tr 2158	KEDT	16 TX	425		(San Antonio TBN)				
	0036	KLDO	27 TX	540		2300	K50AO	50 TX	425		K31AI	31 TX	265	
	0105	KMTX	10 TX	360			(Corpus Christi vln)				(Huntsville TBN)			
	0128	@KHCE	23 TX	445		2322	KWEX	41 TX	445	0245	K15BY	16 TX	265	
	0130	-KORO	28 TX	425		2326	K47DF	47 TX	425		(Crockett LPTV)			
	0211	-KYLE	24 TX	395			(Corpus Christi PTV)			0311	KLDT	55 TX	380	
	0248	@KSAT	12 TX	445	26 tr 0000	KLDO	27 TX	640		0400	0500	1 hr sleep		
	0254	KTBC	7 TX	395			(like a local)			0519	@KVTX	13 TX	540	
						0018	KORO	28 TX	425		0555	+KTAB	32 TX	525

E-skip improved somewhat this month, though the signal strengths were still weak most of the time. For some reason, N. Carolina has always come in super clear for skip. Trops on the 25th and 26th were excellent. I ended up pulling an all nighter on the 26th and calling in a 1/2 day of vacation at work.

(Your TBN on channel 27 from the north could be K27EF at Monroe. This construction permit was granted on August 4, 1992 with an authorized ERP of 117 KW. I don't know if it's on, fm)

Mike Cherry, Box 531, Ganges BC V0S 1E0 (504 537 5201) PDT

Equipment: See August 1993 Western TV DX.

June 1993				29 Es 0700	\$KVBC	3 NY	986	14 Es 1000	KDUH	4 NE	1080		
20 Es 1159	CBWFT	3 MB	1167		0743	KTVK	3 AZ	1223	1033	KDLO	3 SD	1245	
1200	KXJB	4 ND	1207						1059	KDLH	3 MN	1452	
1230	KBME	3 ND	1062	July 1993					1100	WCCO	4 MN	1445	
1258	CFSS	3 SK	936	2 su 1850	heavy	CCI	chs2-4			KSTP	5 MN	1445	
1300	CBKMT	4 SK	792	4 Es 0929	KNAZ	2 AZ	1137	1128	\$KVBC	3 NY	986		
1334	\$KTWO	2 WY	926	0958	KTVK	3 AZ	1223	1130	XHBC	3 BN	1197		
1359	KCWC	4 WY	833						(See notes)	1200	\$KMTV	3 NE	1428
1428	KVBC	3 NY	986	5 Es 1914	KVBC	3 NY	986	1331	KREG	3 CO	1028		
1444	KTVL	2 CA	769	10 Es 1900	KTVK	3 AZ	1223	1358	KCCZ	4 UT	940		
21 Es 0900	KVBC	3 NY	986	13 Es 1834	KTVI	4 IA	1276	1400	KVBC	3 NY	986		
	(0900 1112)			1900	KINT	3 IA	1596	1430	KTWO	2 WY	926		
1759	\$KENW	3 NM	1245	14 Es 0856	KYTV	3 MO	1725		KCWC	4 WY	833		
1800	KASA	2 NM	1245	0859	KCWC	4 WY	833	1458	KENW	3 NM	1467		
22 Es 0935	1340 southern CA			0900	KXGN	5 MT	877	1500	KOB	4 NM	1280		
	MUF:3+ at work			0919	CITL	4 AB	662	1531	KTVS	3 CO	1150		
25 Es 2057	KLBY	4 KS	1277	0930	CKVR	3 ON	2072	1600	KWGN	2 CO	1096		
2100	KSWK	3 KS	1350						\$KCNC	4 CO	1096		
28 Es 1120	XOTA	3 SD	1015	0931	CBKMT	4 SK	792	15 ms 0543	KOTI	2 OR	476		
	(1120-1230)			0948	KTVX	4 UT	794			(23 seconds)			
29 ms 0523	KBCI	2 ID	499	1000	\$KLNE	3 NE	1311	0559	KSWK	3 KS	1350		

E skip season so far has had average number of hours duration, but above average long haul skip. I hesitate to call it "multi-hop" as this term only applies to SOME long haul E skip. This is demonstrated by some of the loggings that occurred on July 14 - so far the best of many good days here in the Pacific Northwest. Some of the long-haul E skip experienced on 50 MHz (6 meters) has been of the ducting variety with no signs of intermediate area open for DX.

My favorite theory for the great conditions of July 4-15 involves the presence of horrendous low pressure systems (the cause of the severe floods) in the midwest coupled with the high pressure heat-wave that gripped the east coast. This theory is based on Mel Wilson's excellent 2-part "Intense Sporadic E Propagation at Mid Latitudes" to be found in the book "Beyond Line of Sight" by Emil Pocock. The article includes some TV-DX data plus our club's address.

July 4 opening to the Phoenix area on TV occurred while I worked into Mexico City area on 6 meters. I could also hear Phoenix and San Diego operators talking to the Mexicans - the classic "double-hop."

Mike Cherry (continued)

July 14 - what a day! 5 meters was open to just about every part of the US and southern Canada all at once. Many times the hash on the TV screen was 4 or 5 stations deep with various audio on all 3 offsets on the Kenwood receiver. Here at my new QTH, I have less of a problem with overload from CHEK-6 on Saturna Island (Victoria, BC, and can do the real strong stuff. On 5, semi-local KING-5 is also a problem, but not with the antenna pointed due east and towards north. At 0930 when I began a new station and province, 50 MHz was open to south central Ontario and New England as far south as Washington, DC.

No openings yet to Alaska on VHF. I'm also watching for signs of E skip on the Russian channel R1 (49.750) video frequencies. I checked FM with a set of rabbit ears during a few openings where the 60-65 MHz got shorter than 700 miles but only heard a brief 88 MHz signal from South Dakota in early June. I hope other members are getting some good skip conditions this summer. No complaints here except lack of E skip at FM and above. 73's Mke, VE7SKA

Christopher W. Hanley, 1321 Beecher Avenue, Galesburg IL 61401 2027

Equipment:

VHF antenna (unknown vintage) at approximately 30 feet. Teletop Radio Shack JHF bow tie in the attic at approximately 15 feet. Kawasho 13" color set.

Greetings from Galesburg. I haven't written in some time, largely because there hasn't been much to write about. My outside antenna got torn down for a room addition, and we haven't had the means to replace it yet. Consequently, my tropo DX is at a standstill; channels 12 and 30 from Milwaukee in March are all I have new to show for it this year so far.

E skip has been a little better when I could get to it. Here's what I've got:

June 1993	21 Es 1817	WSAZ	3 WV	464	3 Es 1205	WPBT	2 FL	1186
16 Es 1929	KRGV	5 TX	968	(See Note)	1400	WEDU	3 FL	1013
18 Es 1900	KIII	3 TX	1004	1832	WFSB	3 CT	910	
	KRGV	5 TX	968	July 1993	1428	WUFT	5 FL	895
1902	KPRC	2 TX	836	1 Es 1829	KBTX	3 TX	784	1432
					WPTV	5 FL	1147	

Note: State number 27 and my shortest E skip ever!

Hope things are going well for everyone who reads this. God bless and 73's.

William Draab, Ellis St., Rt. #2, Kewaunee WI 54216 (414-388 2350)

CDT

Equipment: See August 1993 Western TV DX.

July 1993	3 tr 0510	W40AN	41 MI	95	4 tr 0639	WTWO	2 IN	360
1 Es 1300	unids chs 2 & 3	(Escanaba w/WISN 12)			0703	WKGB	53 KY	510
1530	KCNC	4 CO	965			WKLE	46 KY	480
1715	KBTX	3 TX	1065	Es 1420	WDIQ	2 AL	890	
	KDFW	4 TX	965		WEAR	3 (AL)	955	
	KDTMT	2 TX			WKRQ	5 AL	950	
1749	KRIS	6 TX	1280	1431	WTVY	4 (FL)	940	
1818	KXAS	5 TX	365	1432	WFTT	5 FL		
1829	KENW	3 NM	1145	1500	WLBT	3 MS	860	
1859	KAMR	4 TX	985	(ID "40 Years WLBT-3")				
	KLBV	4 KS	795	1505	WDSU	6 LA		
1900	KSWK	3 KS	840	1517	WBRZ	2 LA		
1903	KBSD	6 KS			WNL	4 LA		
1910	KFOX	3 TX	935	1527	WCTV	6 GA		
2000	KTX	5 TX		1535	left house			
2026	KACV	2 TX		1700	WCBD	2 SC	900	
	KASAT	2 NM		1710	WCIV	4 SC		
	KOB	4 NM			WNAV	3 NC		
2105	all gone			1758	WECT	6 NC		
2 Es 1125	WNBZ	4 NY			WFMV	2 NC		
tr 2022	Rockford 33, 45,			4 tr 0807	WHEV	44 (KY)	455	
	62 and 68				WTVQ	36 KY	470	
	WNEO	45 OH	415		WLCN	19 KY	485	
3 tr 0445	CBLEF20 26 ON215				(See Note # 1)			
	CIC019 19 OH 340			0632	WFIE	14 (KY)	455	

William Draab (continued)

12 Es 2107	WEDU	3 FL	1185	18 Es 1718	KATC	3 LA	1030
2110	WTVY	4 (FL)		1805	KALB	5 A	965
2124	WDIQ	2 AL			WBRZ	2 LA	
13 tr 0645	WNEO	45 OH	415	1818	KJAC	4 TX	1050
	W69B	69 MI	195	1831	K7BS	3 LA	
	Cleveland Us			1840	KFDH	6 TX	
	(Snow free)			2000	KBTX	3 TX	1065
14 Es 1207	WCBD	2 SC	900		KIII	3 TX	1285
	WCIV	4 SC	900	20 tr 2026	WFL	16 IL	390
	WBT	3 NC	710	2204	WKON	52 KY	430
1232	WFMV	2 NC			WFSB	64 OH	400
1238	WESH	2 FL			WFSB	64 OH	400
1305	KOTA	3 SD	780		WFSB	64 OH	455
	(See Note # 5)			2209	WBRB	34 KY	515
	KRTV	3 MT	1155		WDRB	41 (IN)	430
1328	WBRZ	2 LA	995		WVY	32 (IN)	430
1829	KRTV	3 MT	1155		WHTT	39 TN	580
	(See Note # 5)				WDKY	56 KY	480
1832	KFBT	5 MI			WKX	19 OH	400
1915	KYLS	3 MT		2224	WKGB	53 KY	510
	KXLF	4 MT	1210	2229	WTVQ	36 KY	470
1925	KOUS	4 MT			WCTE	22 TN	
1948	all done			2233	WFIE	14 (KY)	455
15 tr 0515	W30AL	30 IL	200		(Hy 2-way CCI)		
	W64BK	64 IL	285	2237	WKMJ	68 (IN)	430
	(Bloomington WHOT-35)			21 tr 0415	WDBY	8 WI	100
	Central IL-IN Us				(Milwaukee VJN)		
	(Snow free)			0615	Rockford	33, 45, 62	
0540	unid ch 34 TBN			0630	W68BR	68 IL	170
0544	W69B	69 MI	195		(Rockford WCPD-38)		
	W69BT	69 IN	200		Cincy	19, 46, 64	
	(South Bend WCJ-26)				WKON	52 KY	430
	W69AV	69 MI	96	2035	W36AO	36 IL	165
	(Leeland WCMH 6)				(Palatine TBN)		
	W54BK	54 IN	205		W88AA	68 IL	300
	(Chesterton ANC)				(Snow free)		
2215	mostly gone			2056	W27AR	27 IN	320
10 tr 0515	WKBW	27 OH	420		(Indianapolis WTHR 13,		
	W69B	69 MI	195		(Morse Code ID)		
	(Lansing WAGP-49)				WCCU	27 IL	285
	WAKC	23 OH	380	Es 1250	KRTV	3 MT	1155
	W40AK	40 MI	110	1726	WFMV	2 NC	715
	(Muskegon CHA)				WNAV	3 NC	
	(See Note # 4)			1755	WCBD	2 SC	900
	Other lower MI				WCIV	4 SC	
	LPTVs snow free			1800	WBT	3 NC	710
11 tr 0625	W30AL	30 IL	200	1945	W69B	2 GA	
	(Plano CHA)				unid channel 2+		
0656	WTVQ	36 KY	470	2002	WESH	2 FL	
Es 2015	KASAT	2 NM		2009	WJXT	4 FL	1030
	KOB	4 NM		2016	KPRC	2 TX	1115
	unid channel 3				WBRZ	2 LA	
2036	KMTD	2 TX		2023	WMAZ	2 MS	
12 Es 1628	KUTV	2 UT		2032	KDFW	4 TX	
	KIDK	3 ID	1245		KXAS	5 TX	
	KREX	5 CO		2046	(See Note # 7)		
1658	KTVX	4 UT	1280	tr 2100	W54BK	54 IN	205
1700	KCWG	4 WY	1065	16 tr 2004	W18AT	18 IN	195
1717	KXLF	4 MT	1210		(Gary ANC)		
	KSL	5 UT			W24AW	24 IN	205
1810	KWSE	4 ND			(Valparaiso ANC)		
	CBOP2	2 SK			W54BK	54 IN	205
1829	CFCN	4 AB	1310		(See Note # 8)		
	CKXX	2 AB			Other area LPTVs		
1835	KRTV	3 MT	1155	17 Es 1735	KPRC	2 TX	1115
	left house				KBTX	3 TX	
2035	WESH	2 FL	1125		unid channel 4		
	WJXT	4 FL		tr 2202	Iron Mtn Js	100	
	WUFT	5 FL		18 Es 1628	KPRC	2 TX	1115
2107	WRBL	3 GA	850		KJAC	4 TX	1050

William Draeb (continued)	25 Es 1835	CFSS 3 SK 800	30 Es 1205	KXAS 5 TX 965
		CKCK 2 SK 880		KOET 3 OK 760
23 tr 0727 W66BD 66 IN 260	1837	CFQC1 3 SK 1085	1230	KDFW 4 TX 965
(Fort Wayne WINH-63)	1850	CFQC1t 2 SK	1261	KFNT 5 TX
2012 WSEE 35 PA 410		CBCP2t 2 SK	tr 1715	WCCO 4 MN 280
WGLN 54 PA 410	1915	CJFBt 5 SK		(Stranquer)
WJET 24 PA	1920	unid channel 6		KTCAt 2 MN
WETG 66 PA	2050	all gone	Es 1825	WCVBt 5 MA
WQAC 57 OH 395	26 Es 0710	WLBZt 2 ME	1830	WABT 5 ME
WSTR 64 OH 400		WCKLT1 3 NB 975		WGBH 2 MA 830
CBLN3t 64 OH		("Moncton" + clk)		WFSBt 3 CT
WCET 48 OH 400	0805	WGBHt 2 MA		WLBZt 2 ME
WKON 52 KY 430		unids 2-3 south		CKLT1t 3 NB
2100 WPBO 42 OH 455	tr 2134	WLKY 32(IN) 430	tr 2249	WCET 48 OH 400
2158 WMAT 53 OH 405		WDRB 41(IN) 430		WSTR 64 OH 400
(Snow free)		WTVQ 36 KY 470		WAFF 48 AL 675
WCVNt 54 KY		WKPC 15(IN) 430	31 tr 0543	WDRB 41(IN) 430
2212 WKBN 27 OH 420	2143	WUSI 16 IL 390		W40AN 40 MI 95
WYTV 33 OH 420		WVUTt 22 IN	0546	W40AN w/WTTW-11)
24 tr 0353 WFMJ 21 OH 420		WGRB 34 KY 515	0548	WTVQ 36 KY 470
(HSS)	27 tr 0540	WFIE 14(KY) 455		WVUTt 27 KY 470
Es 1110 WESHE 2 FL		WDRB 41(IN) 430		WBMGT 42 AL
WCBT 2 SC 900	0837	WHTN 39 TN 580	0602	W30AL 30 IL 200
WMAFt 3 NC	2115	Lower MI LPTVs		WMAFt 31 AL
WBTY 3 NC 710		(Very strong)		WXIX 19(OH) 400
25 Es 730 WFSB 3 CT 760		W15AM 15 MI 130		WVNTt 19 AL
1738 WGBH 2 MA 830		(Grand Rapids LPTV)		WMEVt 44(KY) 455
WLBZt 2 ME		(See Note # 9)	0614	WVNTt 14(KY) 455
1747 WNBC 4 NY 730	2157	W40AK 40 MI 110	0628	WELX 48 WI 190
KYN t 3 PA		("40 News")		unid ch 14 ssw
1748 WTKRt 3 VA	2210	Iron Mtn 100	0641	WCET 48 OH 400
1820 WCBSt 2 NY	30 Es 1205	KDTN 2 TX 965	0719	WUSI 16 IL 390
WBZ t 4 MA		KBTX 3 TX 1065		
1837 CFSK 4 SK 1015		KMOL 4 TX 1200		

Note # 1 Home Shopping Spree. Frazier Methodist Hour from 0700-0800.

Note # 2 "NEWS WEST 9" at 1800 (KTPX).

Note # 3 Local WFRV-5 off (a miracle?). A program promo in Spanish with the program schedule being shown. At 2100, news program with news from Oaxaca state.

Note # 4 - "TV 40 Birthday Club" promo.

Note # 5 - "KOTA Territory" in lower right corner of screen during local news show.

Note # 6 - "KRTV-3" in lower right corner of screen during local news show.

Note # 7 - (2046-2048) A grackle (bird) sat on my antenna and defocused it. I was watching E skip on channel 2 and it suddenly disappeared when the bird sat on one of the long active elements. The DX returned when the bird left. (I included this only because it is my first grackle report! fm)

Note # 8 News from WSBT-22 at 2216.

Note # 9 Home Entertainment Network" carrying an episode of the "Real McCoys" 1960).

Frank Merrill P O Box 569 Macomb IL 61455 309 833 2661

CDT

Equipment

ICOM R-7000 VHF UHF receiver with video adapter and Zenith L1310C9 13 inch. VHF-UHF (winegard 81007) with Winegard PA 4975 preamplifier, RG-11, at 40'.

May 1993	24 Es 1240 @XFE	2 TA 1025	24 Es 2250 XFB	2 NL 1160
23 Es 1047-1230 unids 2-4	1330 KUTV	2 JT 1125	26 Es 1430 WGBH	2 MA 1010

1992 Summary Number of days most common stations were seen:

Ch. 2	WESH-FL 11/WPBT-FL 10/KNAX AZ and CKCK-SK 7
Ch. 3	CFQC1 SK 811/WEDU-FL 7/KIOK ID and KTVK-AZ 4
Ch. 4	KDBC TX 5/KGBT-TX and CITL AT 4
Ch. 5	KGWL WY 4/WCVB-MA, XEJ-CH, and KSL UT 3
Ch. 6	WLNE-MA and KSRE ND 2

In compiling the number of days that the most common stations were seen, I came up with some real surprises, especially CFQC1-3.

Jeff Kadet, Box 20, Macomb IL 61455 (W3CRH) (309 843 1809)

CDT

Equipment

ICOM R7000 with video adapter; Zenith L1310, N1310, Y1310 13" color sets; five 9 to 12' back & white Zeniths for E skip (all sets circa 1979-1982). Screened Channel Master 7' dish with JA 900 preamplifier, .500 aluminum hardline up 85'. Channel Master 1110 with PA-1975 preamplifier, .500 aluminum hardline up 80'. Winegard 5 element low-band yaq (vertically polarized) w/CP 3700 preamplifier, RG 11, up 10'. Finco 5 element 6 meter yaq (vertically polarized) with Belden 9913 up 25' (for channel 2).

May 1993		9 Es 1330	unid 6z Mexico	17 tr 0350-0515	Canada 57,
13 Es 1750	KSWK 3 KS 590		(See Note # 2)		59 32,29
1815	CKCK 2 AB 960		unid 5t Mexico	0455	W67AL 67 OH 505
1900	WPBT 2 FL 1165		KACB 3 TX 815		(Eastlake WVI2-25)
15 tr 0830	W36AR 36 IN 200	1700	&Cuba 2 s/on	0515	WSYT 68 NY 765
(Lafayette TBN)		1720	Cuba 6-	18 Es 0000	unid ch 2 Mexico
21 Es 1802	CKSA 2 AB 1270		WPBT 2 FL 1165	1010	XEFB 2 NL 1160
2040	CBCP3 3 SK 1030	2015	KUAT 6 AZ 1240		KVOA 4 AZ 1240
CKKX 2 AB 1345		10 tr 0210	W47BC 47 OH 360	1037	KIII 3 TX 970
CFCNt 4 AB		(Springfield TBN)		1826	KRGV 5 TX 1070
23 Es 2210	unid ch 2 SS sa		WKEF 22 OH 340		KGBT 4 TX 1070
25 Es 1100	CBFT 2 PQ 930		(See Note # 3)		unid ch 6 XHGC
1158	CICA## 2 ON	0924	K31BW 31 KS 325	20 Es 2255	unid ch 2 Mexico
27 tr 0137	WDSI 61 TN 465	(Manhattan TBN)			(See Note # 5)
WF-L 53(GA) 490		(o/u WMBD)		XHPN 3 CJ 985	
Huntsville 31,		0928	K14HK 14 KS 455	KGBT 4 TX 1070	
48 and 54		(Great Bend KSAS-24)		21 Es 1300	KACV 2 TX 700
0316 @W24BP 24 IL 175		11 Es 0630	WUND 2 NC 835	1345	KNAX 2 AZ 1195
(Flora LPTV)		12 Es 1250	WUNC 4 NC 700		KUTV 2 UT 1125
0324 unid 49z res ese		WUND 2 NC 835		1631	WuXT 4 FL 870
0347 W46AL 46 TN 415		WSAV 3 GA 780		22 tr 0009	K35CV 35 MN 340
(Cookeville TBN)		2016	WMAy 3 NC 81G		Minneapolis HSS
(Over WMSL)		WEDU 3 FL 995			unid ch 53 MN
KTBO 14 OK 500		WCTV 6 GA 775		0115	unid ch 49
W41BL 41 IL 140		WCPX 6 FL 980			(K83DY CW ID)
(Effingham FAM)		15 Es 1230	unid ch 4 Mexico	0251	K20AD 20 MN 335
29 Es	in & out all day	1730	CKCK 2 SK 960		(Worthington KSTP- 6)
2200	WCBT 2 SC 795		CFSS 3 SK 870	24 Es 0920	XEFB 2 NL 1160
WSAV 3 GA 780		16 tr 0255	K20Ctt 20 AR		XHPN 3 CU 985
30 tr 0140	CBLFT10 48 ON465	(Springdale LPTV)		1000	KMOL 4 TX 885
Global 22, 29		(Keystone - ssw)			unid ch 4 Mexico
Es 1912	KTVK 3 AZ 1275	Tulsa Us			unid ch 6 Mexico
2000	KGBT 4 TX 1070	Huntsville Us		25 Es 1127	WESH 2 FL 955
2017	KIII 3 TX 970	St. James MN Js			WPBT 2 FL 1165
unids 2-4 Mexico		Austin MN us			KIII 3 TX 970
		0348	K56Fdt 56 MO	1340	KMOL 4 TX 885
		(Springfield LPTV)		KENW 3 NM 860	
3 Es 1015	WEDL 3 FL 995	0415	unid ch 40 HSS s	KDBC 4 TX 1065	
unid ch 2 Mexico		0442	K31DV 31 MO 290	KASA 2 NM 920	
unid ch 4 Mexico		Branson		1514	KWCN 2 CO 170
WTVJ 4 FL 1165		(See Note # 4)		26 tr 0509	W48AV 48-MI 425
1032	WTVJ 4(FL) 715	Es 1800	WPBT 2 FL 1165		(Detroit FAM)
WESH 2 FL 955		WSAV 3 GA 780		W48AP 48-OH 375	
1100	WDSJ 6 LA 725	KMID 2 TX 865		(Toledo VJN)	
5 Es 1530	unid ch 2 CTV	WJKT 4 FL 870		0558	W69BT 69 IN 245
1600	CBFTt 2 PQ	KWAB 4 TX 825		(South Bend w/WGBA-26)	
6 tr 0300	Birmingham 42,68	KACB 3 TX 815		(Normal WCIU-26)	
WXTX 54 GA 840		1935	KRIS 6 TX 965	0607	W67AL 67 OH 505
(Rare - o/WDX)		WEDU 3 FL 995		Cincy to Wichita	
Es 1235	unid ch 2 TA	XET 6 NL 1160		in wall on UHF	
2127	XHIA 2 CU 1265	KRGV 5 TX 1070		2040	W67CO 67 AL 460
(Rare)		2200	KIII 3 TX 970		(Huntsville WJLP-60)
8 Es 2000	unid ch 2 Mexico		unid ch 4 Mexico	2053	GA 14,36,46,63,
XHIT 4 CH 1195		2300	KMOL 4 TX 885		69
lots of Es all		17 tr 0125	WKBS 47 PA 640		AL 19,25,31,42,
evening chs 2-6		0250 @WUHF 31 NY 695			48,21,54,60
9 Es 1330	unid ch 2 Mexico		(FOX 31")	26 tr 2333	@W.SP 28 GA 820
unid ch 4 Mexico		0350-0515	Canada 34,	27 tr 0030	WCOV 20 AL 810
@XET 6+ NL 1160			40,45,41,22,42		

Jeff Kadet (continued)

27 tr 0030 WTLK 14 GA 535
(See Note # 6)
unid ch 8 Mexico
0105 unid channel 61
(See Note # 7)
0247 W2SAI 25 OH 340
(Cincinnati LPTV)
("TV-25")
28 Es 1800 XEFB 2 NL 1160
29 Es 1315 MUF above ch 6
KMID 2 TX 865
unid ch 8 Mexico
KXET 5 NL 1160
1330 KDBC 4 TX 1065
1600 KNAZ 2 AZ 1195
KTWO 2 WY 825
KTVQ 2 MT 965
KIDK 3 ID 1145
2000 CKCK 2 SK 960
KMID 2 TX 865
2 37 KACV 2 TX 700
1 00 KENW 3 NM 860
KAMR 4 TX 705
KPRC 2 TX 800

July 1993

1 Es 1015 WEDU 3 FL 995
WESH 2 FL 955
WTVJ 4 FL 1165
WPBT 2 FL 1165
1530 KMVT 2 WY 830
1542 WCBS 2 WY 870
1709 KIII 3 TX 970
KBTX 3 TX 145
KRGV 5 TX 1070
KRIS 6 TX 965
1821 KDCI 6 NM 915
(KQAT-7 ID)
1940 KOB 4 NM 930
2000 unid ch 3 Mexico
KASA 2 NM 920
2030 KSWK 3 KS 590
KQAA 5 CO 755
KCNC 4 CO 770
KMID 2 TX 865
3 Es 1115 WPBT 2 FL 1165
WEDU 3 FL 995
WTVJ 4 FL 1165
WESH 2 FL 955
1415 WJXT 4 FL 870
WCPX 6 FL 870
WPLV 5 FL 1130
1515 WCIV 4 SC 800
WWAY 3 NC 810
WSAV 3 GA 780

3 Es 1515 WCBQ 2 SC 795
unid ch 3.4 SS
(See Note # 8)
6 tr 0309 W448F 44 WI 235
(La Crosse TBN)
0332 W40AY 40 MI 390
(Traverse City WKMI-33)
0415 W55AO 55 WI 375
(DoorCounty w/WCFB-38)
(Normal WPNE 38)
(Best ever)
0428 W68BS 68 WI 305
(Green Bay TBN)
0447 WGUU 45 WI 440
0604 W69AV 69 WI 400
(Leeland WML- 6)
Es 1102 WCBQ 2 SC 795
WCIV 4 SC 800
(See Note # 9)
unid ch 5 Spanish
WCSC 5 SC 800
unid ch 6 Spanish
unid ch 3 XEW
1130 KGFE 2 ND 640
unid ch 2 Spanish
1240 KXMA 2 ND 750
1359 WFSB 3 CT 930
KENW 3 NM 860
KTVX 4 UT 1125
WEDU 3 FL 995
WTVJ 4 FL 1165
WJXT 4 FL 870
WPBT 2 FL 1165
WESH 2 FL 955
Es 1245 KPRC 2 TX 800
(See Note # 10)
unid channel 4
("Kansas-10")
1830 KASA 2 NM 920
1841 KTVQ 2 MT 965
CKCK 2 SK 960
KCNC 4 CO 770
KREQ 3 CO 865
1900 KWSE 4 ND 840
1910 KTVM 6 MT 1155
CFQC1 3 SK 1150
KCWC 4 WY 940
1957 KENW 3 NM 860
KACV 2 TX 700
KRMA 6 CO 770
KAMR 4 TX 705
2017 KACB 3 TX 815
KJBC 4 TX 1065
KMID 2 TX 865
2100 CKBI 4 SK 1025
2130 KNAZ 2 AZ 1195

11 Es 0930 WPBT 2 FL 1165
KTVQ 2 MT 965
12 Es 1648 CFQC1 3 SK 1150
KXLF 4 MT 1165
CITL 4 AB 1270
CKSA 2 AB 1270
13 tr 0034 W468X 46 OH 390
(Toledo TBN)
0214 W48AP 48 OH 375
0312 W62BE 62 OH 405
(Columbus MST)
15 Es 2205 XEFE 2 TA 1025
KIII 3 TX 970
2221 XEFB 2 NL 1160
16 Es 0926 KNAZ 2 AZ 1195
1300 XEFE 2 TA 1025
17 Es 1700 KASA 2 NM 920
18 Es 1700 WESH 2 FL 955
19 Es 0915 XEFB 2 NL 1160
1000 XHAE 6 CL 1165
unid ch 3 XEW
20 tr 0507 W48BD 48 KY 425
orb. TBN
(See Note # 11)
0513 W20AS 20 KY 425
KPRC 2 TX 800
21 tr 0052 unid ch 30- HSS
(Lexington hq.)
Es 1430 WESH 2 FL 955
WPBT 2 FL 1165
22 tr 0225 OH xtrs/LPTVs
26 Es 1657 KASA 2 NM 920
27 tr 0035 WPMC 54 TN 450
0212 W27-- 27 ??
unknown HST
(To southeast)
W48BD 48 KY 425
W20AS 20 KY 425
D314 W68BP 68 OH 340
(Dayton TBN)
0400 St. James good
0457 unid channel 48
("Montreal")
0458 WMSY 52 VA 550
Es 1904 KNAZ 2 AZ 1195
28 tr 0300 K58DH 58 MO 145
(St. Louis VJN)
(See Note # 12)
30 Es 1106 WESH 2 FL 955
31 tr 0326 unid channel 48
("Montreal")
0400 unid ch 14- HSS
To se WTLK?
0450 WWSQ 13 NC 550
WVUJ 69 GA 575
0458 WKKHT 43 TN

Note # 1 - Worst I ever seen on a TV station. The ch. it puts on the channel 415 looks like something never seen before. Sort of like overload interference. Still has same signal on August 2! Local advertisers include Bunnie's Berries, a bait shop, and a hypnotherapist.

Note # 2 - University course on agriculture.
Note # 3 - Demolishing 2 mile distant same offset WMEC.
Note # 4 - Seems to broadcast only local advertising and current events.
Note # 5 - Bullfight in Spanish. "deporty" in upper left.
Note # 6 - Showing a movie with frontal nudity!
Note # 7 - Video on 61 -- to St. Louis switching between Home Shopping and WMO-35. Cannot conceive what this could be. (For that matter, on 02/08/91 a unid. TBN was seen in channel 68 -- so coming from the direction of St. Louis and it has never been IDed. Suspect it had something to do with

Jeff Kadet (continued)

the channel 18 which came on a few months later.,
Note # 8 - Lots of interesting Spanish stations in on channel 4. Frank Merrill got the Dominican Republic on double hop E skip. After playing back my tape there appears to be three or four different Spanish stations in there. Tape being sent to Caesar Obijo with fingers crossed.
Note # 9 - The conditions from 1100 to 1200 were a carbon copy of the double hop E skip conditions on July 3 from 1400-1530 with channel 4 still being the most interesting. Tapes from this session being sent to Caesar Obijo also, Tentative Puerto Rico and Dominican Republic loggings today.
Note # 10 - KPRC's logo and WESH's logo are almost identical and both stations are NBC and channel 2-. So far at least, it appears that KPRC's "2" is white and WESH's "2" is black.
Note # 11 - A TBN translator which actually keeps their ID on the screen all the time.
Note # 12 - Selling classified advertising in your own voice @ \$20/week

Thanks to Tom Bryant and Doug Smith for a great convention. Was another Mexican seen here by tropo on 06/17/92? Joe Graqq who does a lot of work at northern Mexican TV stations mentioned that there is a channel 23 in Nueva Rosita about 75 miles southwest of Oaxaca. Channel 41 on Pad as Negras. There's still an unid. channel 23 from that opening which carried Univision. Stay tuned.

It's been ten years since moving to Macomb in July 1983. While it's interesting to see what has been logged from here I see it's interesting to see what has not been logged. (Frank Merrill concurs with all of these.)

By tropo: W67CH La Crosse, Wisconsin. I know this is on the air and it was logged once while still on channel 83, but I have sat on channel 87 for hours while channel 31 up there is pinning the meter, but all I ever get is W67AC. Ditto W62BH Hopkinsville, Kentucky. Channel 43 there can be barreling in, but I've never even seen traces of cci from them. Ed Phelps complains they overload his receiver. WKYU 24 Bowling Green, Kentucky, never even a trace. WDCN 8 Frank has this, but I've spent hours trying to get it with no luck. Lack of Winnipeg on tropo. Probably the biggest surprise. Figured that in ten years there would be at least ONE opening up to them. A so, St. need tropo from New Mexico and Wyoming. Lack of deep Florida tropo - other than a few weak openings into central Florida (WTLG-52, WMOD-43, WFTS-28, WOFL-35) there has been nada. Figured Tampa/St. Petersburg would have been more common here since part of the path is over water. WHNS-21 Asheville, North Carolina - forget it!

By E skip: KTVN-2. At 1535 miles and with a totally clear channel 2 here, this station has never been seen. WSB-2 at 575 miles is another one. I have channel 5 from Atlanta by E skip, but not them. WGRZ-2 is fairly common by E skip here, but WJVB-4 has never made it in. Double-hop E skip to Central America. Frank and I figured this stuff would be common, but neither of us have anything from there. Bill Eckberg has YSR 2. In fact, double hop is down right rare from here. Only KCR-3 and perhaps a few Mexicans / Dominicans are the only double hop E skip ever seen. KCR-3 is usually seen at least once every E skip season. Wonder if its circular polarization helps with that? There are tons of West Coast lo-banders which have refused to double hop into Macomb including needed Oregon! 73

(Jeff, could your channel 27 from the southeast with Main Street TV have been W27AN at Murfreesboro, Tennessee? At one time, it reportedly carried Channel America, but maybe it has changed? fm)

Doug Allen, P.O. Box 5646, Woodland Park CO 80866 (W2CRS) (719-687-3549) MDT

Equipment:

Icom R 7000, 1981 Magnavox b&w TV, Antennacraft Y10-10 and 10G205C preamp/er at 25 and Inphase Master dish and 9' CMA cc preamp for at 28'

June 1993	22 tr 0920 K14-- 14 CO?	22 tr 1010 K67 - 67 CO?
2 tr 0750 KSNB 11 KS 240	(Unknown KMGH- 7)	(Unknown KTVS- 3)
0751 KUPK 13 KS 255	0927 KCIT 14 TX 305	27 tr 0615 KRNE 12 NE 310
0910 KSAS 24 KS 415	0936 K18AE 18 CO 140	0630 KWCH 12 KS 400
8 tr 0659 K14HKT 14 KS	(Akron KUSA- 9)	
(Great Bend KSAS 24)	0939 K16AC 16 CO 140	July 1993
0940 KOKI 23 OK 555	(Akron KCNC- 4)	6 tr 0625 KQNE 19 NE 465
0955 KSAS 24 KS 415	0945 K14AE 14 CO 140	0630 KGNC 14 WY 270
(0505 APS t 35 JA	(Akron KWGN 2)	0640 K14 14 WY?
22 tr 0915 K14-- 14 WY?	1000 K67-- 67 KS?	(Unknown KGWC-14)
(Unknown KTVS- 3)	(Unknown KBSL-10)	(See Note # 1)

Doug Allen (continued) 6 tr 0721 KPQC 15 NE 10 tr 0520 KEYN 7 SD
0730 K61-- 61 WY? (See Note # 4)
8557 KUON 12 NE 480
6 tr 0705 KPTM 42 NE 490 (See Note # 2)
0710 K61Out 61 NE 10 tr 0510 KOLN 10 NE (See Note # 5)
(Lincoln LPTV) 0515 unid channel 12 0904 KXNE 19 NE 465
(+offset - CBS?) (See Note # 3) 0916 KBNT 32 IA

Note # 1 KGWC is minus offset. The translator was plus offset and peaked further east than KGWC.

Note # 2 - "You're watching TV-5, Wyoming's new leader"

Note # 3 Zero offset. "Save the Kids" religious program which doesn't fit KRNE's PBS format. Peaked NE. (KTTM Huron SD? fm)

Note # 4 - Home Shopping Club. Peaked north. Plus offset.

Note # 5 - "Nebraska Public Television." Peaked east, not toward Merriman. Minus offset

Spent the last half of July in northern New York and at the great Nashville convention. Good to meet so many. With the weather patterns changing (hopefully) and the low pressure saving the upper midwest to dry out, maybe we'll get some good late summer and autumn tropo. So far, it's been the worst tropo season in the five years I've been in Colorado. 73. Doug

Doug, your unid translators are intriguing - baffling - particularly, all the channels 14s. The FCC database dated 05/29/93 shows only one 14 in Colorado and two 14s in Wyoming. The Colorado translator is K14AE which you have peaked. The Wyoming translators are K14HH at Teton Village (430 miles from your QTH, and K14IL at Pinedale (375 miles). According to TV Factbook, both of the Wyoming translators translate KCWC. K14HH is owned by KCWC. The FCC shows no construction permits or pending applications for channels 14 in either state. Hope you can track these down. Also, the construction permit for KPQC-15 was canceled on 06/30/92. fm)

Robert Delaney, RR#4 Box 385, Mt. Vernon IL 62854 (KA9UVY) (618) 242-7256, CDT

Equipment:

1990 Zenith 13" color SS 1311w, Emerson 885 VCR, JHF ant: 7' parabolic CM 4251 @ 110' ag, UA 900 preamp, RG 11 coax, VHF ant: rotatable vertical dipole @ 25' ag for E skip, CM 3608 @ 56' ag, Camera: Pentax K 1000 with Kodak Gold Plus 200

July 1993 18 tr 0502 K49CQ 49 AR 310 25 tr 0538 KFXX 51 TX 540
3 Es 1400 WESH 2 FL 780 (Little Rock VJN) 0557 W54AP 54 IL 230
1452 WTVJ 4 FL 990 20 tr 0302 W48AP 48 OH (Blue Island LPTV)
4 tr 0410 KTXA 21 TX 600 0618 KXLN 45 TX 710
0420 KRSC 35 OK 390 0631 KHTV 39 TX 710
0500 KDAF 33 TX 600 0546 WBSN 47 VA 355 0638 KNVO 48 TX 995
0501 KDTX 58 TX 600 0558 WKPI 22 KY 355 0654 KVDA 60 TX 820
0732 W69BT 69 IN 270 0635 W54AF 54 OH 0712 KMBH 60 TX 990
(South Bend WCIU 26) 0728 WOAC 67 OH 435 26 tr 0500 K65EK 65 AR 330
0948 WTBV 69 IN 180 0732 W50BE 50 OH (Pine Bluff ACT)
5 tr 0405 WJAB 43 OH 435 0732 W50BE 50 OH (See Note)
0446 WEAQ 49 OH 430 0732 W50BE 50 OH (Mansfield ANC) 0501 KKLRT 16 AR 315
6 Es 1715 KPVI 6 ID 1265 22 Es 1930 WGBH 2 MA 970 0505 KMSH 33 LA 480
1730 KIDK 3 ID 1285 24 tr 0657 W36AM 36 TN 225 0526 KTXH 20 TX 710
1830 KREG 3 CO 995 (Memphis VJN) 0635 KRIH 26 TX 710
1853 WTVJ 4 FL 990 25 tr 0400 KLTJ 22 TX 720 0540 KETH 14 TX 710
1900 KENW 3 NM 855 0401 KHSB 67 TX 710 0555 KTFM 48 TX 710
1901 WPTT 2 FL 990 0416 KWKY 44 TX 680 0630 WNTZ 48 MS 490
8 tr 0330 WXON 20 MI 410 0417 KLAJ 31 LA 510 0652 WLLA 64 MI 345
0342 WKBD 50 MI 410 0421 KABB 29 TX 820 0700 W69BJ 69 MI 380
9 tr 0310 KDAF 33 TX 600 0428 KXAN 36 TX 750 (Lansing WAQP 49)
0345 WNTZ 48 MS 490 0502 KHSX 49 TX 600 30 Es 1900 KTWQ 2 WY 960
0700 KDTX 58 TX 600 0510 KMSH 33 LA 480 1501 KIDK 3 ID 1285
17 Es 1635 KIDK 3 ID 1255 0534 KETK 56 TX 560

Note - "TV 65 Pine Bluff's Own." No call given

I am very pleased with the 7' dish @ 110'. I am seeing many LPTVs that I only saw once in a great while often now. Also, the opening on the 25th netted me my furthest tropo catch ever with KXVO 48 being about 996 miles. 73 til next month, de Bob

Michael Parks Route 1, Box 103, Amery WI 54001

CDT

Equipment:

Channe Master 1110 Quantum with W nequard PA 1375 preamp and RG 11L at 30', Channel Master 4228A with W nequard PA 4975 preamp and RG 11L at 35', Alliance HD-73-1 rotor, Channe Master 7206 Hi Q trad, and Zenith Z1920W 19 color TV

May 1993 12 Es 0006 unid channel 2+ 6 Es 1044 KATC 3 LA 1062
5 tr 0308 Chicago JHFs 15 Es 1300 WLB 3 MS 918 1051 KALB 6 LA
WNU 16 IN 402 1505 KBTX 3 TX 1047 1052 WDSJ 6 LA 1076
WSBT 22 IN 401 1528 KATC 3 LA 1062 1057 WWL 2 LA
WHME 46 IN 404 1530 unid ch 3 PBS 1215 WBPZ 2 LA 1046
0319 WBSX 31 MI 462 16 Es 1755 KRTV 3 MT 915 1224 KIDK 3 ID 1012
0321 W44BF 44 WI 120 (See Note # 2) (Received off
(La Crosse TBN) antenna back
0324 WSJY 28 IN 402 1959 KENW 3 NM 1017 1228 WEAR 3 AL 1052
0339 WTLJ 54 MI 359 2057 KRTV 3 MT 915 1235 WDIQ 2 AL
0341 WGT 30 OH 513 2110 KLEW 3(WA) 1191 1254 KTVQ 2 MT 782
0342 WKMI 17 MI 384 2120 KMID 2 TX 1065 1347 CFRN 3 AB 1086
WLS 7 IL 336 2130 KENW 3 NM 1017 7 Es 2028 KPRC 2 TX 1109
0344 WPTA 21 IN 465 2137 WBRZ 2 LA 1046 8 Es 1322 CFAP 2 PQ 1010
WLIQ 35 OH 522 WLB 3 MS 918 unid ch 2 SRC
0346 W74CZ 74 MN 101 2152 KFOX 3 TX 863 1352 unid ch 3 SRC
(Winona KTC-10) 2210 KACB 3 TX 1049 1401 CFRS 4 PQ 1032
W67CH 67 WI 123 unid channel 6- 1500 CFCL 2 ON 631
(La Crosse KTC-10) ("MCTV")
0455 W43AV 43 WI 263 1902 KRIS 6 TX 1761 KENW 3 NM 1017
(Waukesha HSS) 2031 unid ch 4- NBC 1759 KACB 2 TX 867
13 Es 2116 KLEW 3(WA) 1191 21 tr 0851 K300K 30 MN 186 1800 KACB 3 TX 1049
2303 KIDK 3 ID 1012 (Bemidji KMS- 9) 1806 KOCT 6 NM 1079
16 Es 1953 unid ch 3 CBS/MDT Es 1159 KMID 2 TX 1065 1819 KWRH 2 OK 672
1958 CFQC 3 SK 858 1558 KENW 3 NM 1017 1822 KPRC 2 TX 1109
1959 KPVI 6 ID 1008 26 Es 1159 KATC 3 LA 1062 1826 WEAR 3(AL) 1052
2200 WDIQ 2 AL 1008 1307 WWL 4 LA 1078 1857 WEDL 3 FL 1333
21 Es 1940 unid chs 2, 3 1430 KBTX 3 TX 1047 1859 KMID 2 TX 1065
1500 KMID 2 TX 1065 1911 KATC 3 LA unid ch 2 PBS
(See Note # 3) 1921 KENW 3 NM
June 1993 2 Es 1905 KVBC 3 NV 1350 28 Es 1215 KPRC 2 TX 1109 1931 KIII 3 TX 1261
unid ch 3 Spanish 1229 KBTX 3 TX 1047 2302 KRMA 6 CO 947
3 Es 1400 KMID 2 TX 1065 1246 WDIQ 2 AL 14 Es 1930 KREN 2 WA 1196
KENW 3 NM 1017 29 Es 1957 KENW 3 NM 1017 KLEW 3(WA) 1191
KAMR 4 TX 859 2058 KPRC 2 TX 1109 30 Es 1430 KASA 2 NM 1024
1415 KACV 2 TX (ID - huge calls)
1424 KBTX 3 TX 1047
9 Es 2108 KNAZ 2 AZ July 1993 1 Es 2000 KFDX 3 TX 863 August 1993
KBTX 3 TX 1047 2015 KAZ 6 TX 2 Es 2159 KENW 3 NM 1017
KAMR 4 TX 859 2100 KMID 2 TX 1065
2122 KOCT 6 NM 1079 5 Es 2227 CKKX 2 AB 1081
(See Note # 1)

Note # 1 - It was stated in the December 1992 TV News column that KVIQ 6 had been sold. Apparently the station is now a satellite of KOAT 7, Albuquerque, as I saw them air several KOAT-TV promos. Thus KVIQ-TV remains an ABC affiliate (I changed your loggings to reflect their new call letters KOCT. fm)

Note # 2 - ID at 1800 showed a picture of a tower and transmitter shack with the words, "Support your local translator association!"

Note # 3 - IDed with translators K76AP, Big Lake, and K12FM, Fort Stockton.

This year's E skip season seemed to peak a couple weeks late. I was almost ready to call it a bust. All in all, I would say that this summer was better than last. However, on the tropo front, this summer is worse than last year - a complete bust. I saw more tropo last winter (and it was none too plentiful then). During July, most of the unsettled, stormy weather moved several hundred miles to the south and has, for the most part, left this area high and dry. This, along with a belated increase in the number of warm, muggy days, led me to believe that the tropo would soon be arriving, but alas, nothing much materialized.

Michael Parks (continued)

Dxers take note: WCCO-4 is now transmitting with a plus offset rather than zero. (This was necessitated by the vacant channel 4z assignment granted to Crandon, Wisconsin a few years ago.) I do not know exactly when the change took place. I had the opportunity to determine the offset with an AOR handheld scanner in early May, and they were +10 KHz at that time. Their new offset was verified on June 25 when they produced a zero beat against plus offset WWL-TV.

Further evidence that WLAX-25's satellite station, WEUX 48, is really a translator, it appears to receive its signal off air rather than via microwave relay. Any technical difficulties that WLAX transmits are perfunctorily repeated by WEUX. Weather watch symbols have been seen in the corner of the screen as well, despite the fact that the watch area affected La Crosse, but didn't come near Eau Claire. None of this occurs with WXOW-19/WQOW 18, another primary and satellite pair in the La Crosse/Eau Claire market. I find it especially annoying that WEUX seems to have no automated equipment for detecting the lack of WLAX's signal and shutting down appropriately. Even though WLAX goes silent after sign-off, WEUX stays on all night with a black screen and a tremendous hiss for audio. Additionally, there are absolutely no commercials for the Eau Claire area - just La Crosse. Since they apparently have no sales office in (or near) Eau Claire, I wonder if they even have a studio of any kind; the only mailing address given on air is that of WLAX's La Crosse studio.

Wireless cable is now available in this area. I have been receiving fliers in the mail trying to induce me to subscribe. But at \$39.99 a month for only 12 channels, I'll pass. I've noticed ads in electronics magazines for wireless cable receiving equipment. Has anyone tried Dlxing wireless cable stations yet? I wonder where a person could even get basic information on these stations, such as call letters, type or era, transmitter location, etc. I have no idea where the system in this area is transmitting from. The flier gives only a phone number for a sales office to arrange an in-home demonstration. (Wireless cable is included in the Services volume of Television and Cable Factbook. I don't have the 1993 edition, so am unsure what serves your area, fm).

Dxers fed up with today's generation of TVs and VCRs and their tuning facilities might want to investigate the Sharp brand name. I don't know about their entire line, but the models I had the opportunity to try awhile back (one of each) were not too bad in the tuner department. Although the VCR's tuner could take up to two seconds to lock onto a weak signal, it easily rivaled my Zenith TV's tuner, especially on UHF, a common weak spot in VCR tuners. E-skip can cause many VCRs to lose sync, but other than losing the color, this VCR had no problem tapping interference plagued signals. Perhaps most importantly of all, both the TV and VCR had a switch to kill the dreaded blue screen. Sorry, but I don't know what the model numbers were. Until next time... 73, Mike

William Eckberg, 1032 Sterling Road, Dixon IL 61021

CDT

Equipment:

1966 Zenith b&w receiver ch 14N22, modified UHF tuner, Rohm tower - Channel Master 1110 at 41'. Rohm crankup tower Channel Master 7 foot dish at 52' RDX Labs LA700 and JA900 preamplifier respectively. Jerrold CAC11 cable

July 1993				2 Es 1415	XHRIQ	2 TA 1201	8 Es 1900	KYUS	3 MT 853
1 Es 1805	KXAS	5 TX 757	3 Es 1605	WESH	2 FL 983		1910	KIDK	3 ID 1123
1810	KENS	5 TX 992		1815	KIII	3 TX 1072	1930	KOAA	5 CO 828
1820	KDFW	4 TX 738	5 Es 1655	ICRT	2 Cuba		1945	KSL	5 UT 1139
1825	KOCO	5 OK 578		ICRT	5 Cuba		2000	KTXI	5 TX 875
1905	KGWN	5 WY 785	1700	WPBT	2 FL 1229		2100	KWGN	2 CO 811
1930	KTHO	2 WY 849		WEDL	3 FL 1031	12 Es 1700		KIDK	3 ID 1123
	KOAA	5 CO 828	6 Es 1235	KFBF	5 MT 1112	1710		KTVQ	2 MT 968
2000	KENW	3 NM 912	1250	CKCK	2 SK 918	15 Es 1200		WUND	2 NC 797
	KACB	3 TX 803	1300	CFQC1	3 SK 1120	2100		KTHO	2 WY 849
2030	KASA	2 NM 972	1825	KIDK	3 ID 1123	17 Es 1530		KIDK	3 ID 1123
2200	KWGN	2 CO 811	1830	KUTV	2 UT 1139			KBCI	2 ID 1328
2 Es 1200	WPBT	2 FL 1229	1900	KACB	3 TX 933	30 Es 1430		KUTV	2 UT 1139
1303	ICRT	2 Cuba	8 Es 1900	KNME	5 NM 1028	1500		KIDK	3 ID 1123
1325	ICRT	5 Cuba		KTVQ	2 MT 968	31 tr 0435		WLOS	13 NC 558

Cuba is running patterns for hours in the afternoon on channels 2 and 5. I've coded the pattern ranging from 1303 to 1655 on July 2, 5, and August 5 with color bars in July and back to the Phillips in August.

I saw WLOS 13 the first time this year in July. My favorite test pattern is gone forever, replaced with color bars, ID, and QTH.

No UHF in operation yet after a lightning hit. I purchased a new rotor which has most of the features I've been looking for. It's the Yaesu G-400RC. It has compass dia,

William Eckberg (continued)

North stop, adjustments for each end of rotation, and a very sturdy antenna motor with a 11 square foot wind load rating. It is reasonable at \$219 on sale. I haven't installed it yet, but it looks like a winner. I was going to purchase the Alliance HD73, but it was discontinued.

Frank Aden Jr., 4096 Marcia Place, Boise ID 83704 N7SOK

MUT

Equipment:

Tvs, 27" Magnavox Color Monitor, 19 RCA color, 13" BMG color monitor. VCRs: Radio Shack MTS stereo, RCA mono. Antenna Radio Shack ch 2-13 14 element on rotor at 22'.

This season has definitely been better than last year. I have spent more time with TV DX than last year as I was not having to worry about working short skip on 10m for WAS. Two things to note: MUFs rarely went above channel 4 and many openings started after 2100 going past 0200, making it possible to ID a few stations on channels 2 and 4. KBCI-2 has been signing off between 0030 and 0130 and KAID-4 signs off around 0030.

I was on vacation during the last part of May and early June for ARRL in Seaside and also last week of June for IRCA in Billings, so no report for those periods.

Have been getting ready for ATV, will be soon buying a transmitter for 439.26. I have already obtained a downconverter for the 440 MHz band and my new TV covers the ATV portion of the band. I have built a skeleton slot beam for ATV and will be putting it on my new 32' tilt over tower which presently has my 2 element 10m beam and 2 element 2m quad.

For those hams in the club, I would be interested in starting a 10m net on Saturdays. I suggest around 28.440 at 20 00 UTC. I will give a few CQs on the frequency the next few Saturdays after this appears.

I will be running both VCRs again like last year for Persids so wait for my next report

May 1993				30 Es 0000	KENW	3 NM 970	13 Es 2100	KACB	3 TX 1190
22 tr 1440	KMYT	11 ID 110		0005	KDBC	4 TX 970	15 Es 2000	KLNE	3 NE 885
	, See Note # 1)			0115	KASA	2 NM 745		KCTV	5 MO
23 Es 1200	KSWK	3 KS 885		0130	KMID	2 TX 1095	2120	KYTV	3 MO 1295
26 Es 2000	KTVK	3 AZ 745					21 Es 0100	KLSD	2 SD 975
							2100	KFDX	3 TX 1160
June 1993				1 Es 2200	KENW	3 NM 970	23 Es 2100	KMTV	3 NE 1040
9 Es 2100	KTVK	3 AZ 745		6 Es 2300	KSNW	3 KS 1055	24 Es 1825	KSNW	3 KS 1055
16 Es 2200	KHBC	3 BN 760		7 Es 2030	KFDX	3 TX 1160	27 Es 2100	KENW	KFDX/KSWK
18 Es 2200	KSNW	3 KS 1055			KXAS	5 TX 1290	29 Es 2330	KSNW	KFDX
21 Es 0000	KYTV	3 MO 1295		2100	KSWK	3 KS 885	30 ?? 0200	KLRH	2 OK 1205
	0100	XEPMT	2 CH	2200	KENW	3 NM 970		(See Note # 2)	
29 Es 2030	KFDX	3 TX 1160		8 Es 2100	KTVK	3 AZ 745			
	2130	KNE	3 NE 885	13 Es 2000	KOCOT	5 OK			

Note # 1 - tr/qw - Finally seen here after four years weak but readable. Using new TV receiver

Note # 2 Es/ms? - A couple of minutes of nice IDed color bars

Fred McCormack, 2384 Teakwood Dr, Maplewood MN 55119-5520

CDT

Equipment:

General Electric 9 color (Mode 09GP103), VHF: Rabbit ears, UHF: Archer Golden-U UHF Indoor Antenna (2 bow ties)

May 1993												
13 Es 2014	KLEW	3(WA)1180		21 tr 0759	WKOW	27 WI 215		1 tr 0748	K26CL	26 MN	135	
				0830	WMSN	47 WI 215			(Alexandria)		WCH1	
June 1993									0801	K48AH	48 MN	100
8 tr 0245	KYOU	15 IA 275		August 1993					Willmar	KMSP- 9,		
0625	K26AC	26 MN 200		1 tr 0737	KVRR	15(MN) 195			0804	K46AC	46 MN	100
(Bemidji)	KVRR	15)			K34AF	34 MN 135			(Willmar)	WCCO- 4)		
0759	K18AI	18 MN 165			(Alexandria)	KVRR 15)		11 tr 0945	K26AC	26 MN	200	
(Grand Rapids)	KVRR	15)			0738	K36AA	36 MN 135		0952	K18AI	18 MN	165
11 tr 0857	KLJB	18(IL) 280			(Alexandria)	KARE 11)			0953	K49CU	49 MN	155
0928	KUMH	26 IA 300				K38AC	38 MN 135		(Walker)	KMSP- 9,		
21 tr 0750	WHA	21 WI 215			(Alexandria)	KMSP 9)			0955	CIC091	44 ON	340

This is all I have despite John Ebeling's much appreciated effort to keep me aware of skip openings. I just couldn't ID the stuff. Still hoping for some 500 mile tropo.

SOUTHERN FM DX

SEPTEMBER 1993

SOUTHERN FM DX is for reporters from: AL, AR, AZ, CA, CO, DC, DE, FL, GA, HI, KS, KY, LA, MD, MO, MS, NC, NV, OK, SC, TN, TX, UT & WV.

Danny Buntin
1312 N. Skyline
Stillwater, OK 74075

DEADLINE: 14th

LOW PRESSURE BLAMED ON LACK OF TROP ON FRONT RANGE

Jeff Wolf, 1131 University Blvd. W., apt. 701, Silver Spring, MD 20902

Equip.: Sears AM-FM-TV bank radio

7/3 Es

1552 KMTU 88.1 TX Denton

1621 KJEF 92.9 LA Jennings

Correction to my Aug. '93 VUD report: 6/13, WKID should read WKIK.

Doug Smith (W9WI), 14 Brookside Court, Nashville, TN 37209 4503

7/1 Es, tr

1800 94.5 KSKL KS Scott City, local ad 763

96.1 KGLL CO Greeley, "Front Range" 986

99.1 KUAD CO Windsor, remote in

Loveland 986

100.7 KGWY WY Gillette, "NE WY's X-100"

91.5 KRNE NE Merriman, "...for NE

Public R." 880

93.3 KICL CO Ft. Collins, legal ID

w/KZ76BJ 1003

97.5 UNID "Q Country", prob. KQSK

95.1 KSGY SD Deadwood, legal ID 1021

96.9 KAML WY Gillette, legal ID 1090

97.5 WVEZ TN Trenton, ads 111

1908 104.9 WFXO MS Iuka, ad 123

1910 106.7 WWDZ MS New Albany, ad 156

1918 94.5 WAPI AL Birmingham, "I-95" 176

1926 93.9 UNID "Renegade R. Q94", rp

1929 88.9 WRNA MS Senatobia, "WKNO Sts.", ID

7/3 tr k 82

1839 95.9 WUSD TN Livingston, "Sunny 95.9"

1654 94.9 WPCB CA Atlanta "Peach 94-9", k

94.9 WKOR MS Columbus, ID 193

1706 98.3 WINT TN Pulaski, calls 67

More Es, more tr and a great opening during the convention! July was probably my best FM DX month in the 2 1/2 years I've been in TN.

Doug Allen, w2cra, PO Box 5646, Woodland Park, CO 80866

Equip.: Onkyo T-4087 (IF modified)

6/17 Es

1949 WMEZ 94.1 FL Pensacola, ID

1953 WQCC 104.1 AL Atmore, ads & wx

1956 WKBJ 94.9 AL Mobile, k, "95-KSJ"

2002 WKUE 88.9 ?? Elizabethtown,

not in 13th ed. of FM Atlas.

2020 KRJY 96.3 MO St. Louis, wx

2025 WRBT 94.9 IL Mount Carmel, ID

2030 WFCJ 93.7 OH Miamisburg, ID

2031 WBCJ 91.7 IL Champaign, "new light", ID

2035 WFOK 97.1 GA Gainesville, ads

2040 WRDN 95.9 WI Durand, ID

2042 WCNL 95.9 ?? not in Atlas, ID

2050 WTXL 97.7 MS Tylertown, ID

6/18 Es

0845 WMEZ 94.1 FL Pensacola, ID

0848 WEGS 91.7 FL Milton, "Swap Shop",

Local towns

0852 WZEW 92.1 FL Fairhope, local ads

0855 WJTK 96.3 MS Jackson, "Jackson's

MLX-96"

0857 WRBN 95.9 MS Taylorsville, B96 & ads

0859 WSCB 90.9 FL Naples, ID, double hop

0900 WHIT 91.3 AL Mobile, ID

cont....

7/5 tr

1050 97.1 WFOK GA Gainesville, "Fox 97 FM" 210

1116 88.5 WJTE KY Okolona, calls 139

7/18 gw

1651 102.9 KEZS MO Cape Girardeau, "K-103",

local ads, local WYCO off. 167

7/25 Convention tropo (most between midnight

and 10 am. All newly logged.

89.9 WSVL TN Memphis 171

91.5 WUEV IN Evansville, calls 127

91.7 WBGJ IL Champaign 127

92.5 WKYN AR Wynne 219

93.9 KOYN TX Paris 495

94.9 KOLL AR Marmelle 313

100.5 WYMG IL Jacksonville, calls 285

100.5 WTEK KY Louisville, "100.5 The Fox"

102.7 KCWS TX Merkel 772

103.1 WGBJ KY Henderson, (100kw WKDF

103.3 7 ml. away!) 117

105.3 KYNG TX Dallas, "Young Country 605

105.5 KPEL AR Piggott 176

105.7 KKKX TX Longview, "Ricks 105" 500

KSTV TX Stephenville, calls 684

106.1 KHEK TX Denton 605

106.5 KOOI TX Jacksonville, ad 541

106.5 KBVA AR Bella Vista, ad, calls 410

106.7 KCVT TX Granbury 670

6/18 Es

0906 WLUN 95.3 MS Lumberton, "all

American country WLUN"

0908 WOTC 97.9 MS Wiggins, "New country US

98", ads, new CL?

0913 WBRN 92.1 MS Brookhaven, B-92, k

0953 KMRB 97.7 TX Rusk, ads

0959 KVLJ 91.3 TX Beaumont, ID

1000 KLDN 88.9 TX Lufkin, ID

1940 WQCC 104.1 TX Beaumont

1950 WQJH 103.1 FL DeFuniak, ads,

"LITE 103", new CL?

1952 WQWV 107.3 FL Pensacola, "WOW 107"

2000 KKKX 96.5 WA Seattle, ID

2000 KKKL 96.7 LA Oak Grove, ID

6/22 tr

0900 "KWBI" 88.1 CO?

7/1 Es

2111 WCTZ 100.9 OH Waverly, ads

2120 WNNV 107.3 OH Cleveland, ID

2121 WBNB 103.1 IN South Bend, ads,

"the Harvest" station #1100

2130 WPCJ 93.7 OH Miamisburg, wx

2147 WAZU 102.9 OH Springfield, ID, r

SOUTHERN FM DX

7/1 Es

2149 WKDD 96.5 OH Akron

7/6 Es

1812 WRBA 95.9 FL Springfield, ID

1843 WCHY 94.1 GA Savannah, ID, "Y-94FM:

1925 WSRH 90.3 LA Baton Rouge, ID

1935 WKKA 92.3 FL Orlando, talk show

2001 KULF 94.1 TX Benham, ID

2005 KACC 91.3 TX Alvin, ID

2015 KULM 98.3 TX Columbus, Astros BB

7/8 Es

1030 WLAB 88.3 IN Fort Wayne, ID

7/9 tr

0703 KEZG 107.3 NE Lincoln, wx

0752 KBBN 98.3 NE Broken Bow, ads

0753 KNLV 103.9 NE Ord, ID

0800 KROT 94.5 NE Columbus, ID, NE #38

Enjoyed visiting with every one in Nashville. It was a great conference, well organized and great tropo! Was out of state for two weeks in July, in northern New York and ten Nashville. From what I hear, I didn't miss Es or tropo while I was gone. With that damn low pressure east of here causing all the drain and flooding, tropo has been almost non-existent this summer, so far. The 500+ mile tropo to eastern NE have been the best, so far. Es has been about average overall with fewer high MUF openings than normal, but this is a very local phenomenon as areas only a few hundred miles away have had a half dozen or more 144 MHz openings through July. Hope everyone had a great summer.

Gus Mancuso, 5615 Inwood St, Cheverly, MD 20785 301 773-3072

6/18 Es

2034 WMOZ 90.7 LA New Orleans

2036 KJEF 92.9 LA Jennings

(Didn't check between 1900 when there was

no skip, & 2030, so I probably missed

something.)

7/1 tr

1830 W??? 89.1 MD Hagerstown, from car in

Forestville (other side of DC) simul w/WETA

90.9. Morning tropo wead this summer

despite searing heat & humidity. Must need

evaporation of rain to help out.

Recent article in Washington Post says you live a couple years longer if your mother born at sunset low point, and vice versa. (5/24/93)
STATION NEWS: WKHI 99.9 MD now k. WLVW 105.5 now o (early 60s & prior oldies.) Note: WMMO 104.7 occasionally simul w/k format am, IDs as "the Bear". Oldies war, previously fought in Phil & Balt now squares off in DC WKTR 104.1 going head to head w/newcomer WBIG 100.3. Must also compete w/rimshooters WMAZ 92.7, WNAV 1430 and WDNX 1600.

Steven C. Wiselblood, 6393 N. Dakota, Apt. #2, Brownsville, TX 78521

Equip.: Denon TU-800, Radio Shack stacked 6-el yagi's at 22 feet.

7/14 tr

0356 KDMX 102.9 TX Dallas, Mix 102.9, ads 473

0358 KZEP 104.5 TX San Antonio, The Zep, cl r

0359 KJNB 102.5 TX Hillsboro, ID, k 423

0402 KMDJ 102.1 TX Houston, 102 JAMS, s 297

0403 KONO 101.1 TX Fredericksburg, o 314

0406 WRR 101.1 TX Dallas, c 473

0408 KLVV 98.7 TX Dallas, o, K-love

0416 KSCS 96.3 TX Fort Worth, k

0417 KFGI 94.7 TX Luling, Froogie 94, o 262

0419 KSRR 92.9 TX San Antonio, 92-FM, SS, pop

0420 KCBI 90.9 TX Dallas, contemp q 473

0428 KNWC 107.7 TX Austin, K-NAC, prog. r 302

2102 KELI 98.7 TX San Angelo, K-LITE, a/c

7/15 tr lite SS mx

0206 XHNOE 91.3 TA Nuevo Laredo, "Stereo 91"

0216 KZTD 106.1 TX Laredo, TQ-106, o 166

0216 KJBZ 92.7 TX Laredo, Tejano Z-93, SS mx

0220 XHNLQ 97.1 TA Nuevo Laredo, "Estereo

Receurdo", SS mx

cont....

Allen, cont.

SEPTEMBER 1993

7/9 tr

0804 KUCV 90.9 NE Lincoln, promo

0805 KAWL 104.9 NE York, "KAWL & KIMK"

0807 KGNB 104.1 NE Crete, ads, in KNAB null

NE #39, Mike Hawk called saying he was

receiving Co Springs! Over the telephone we

confirmed for each other several Omaha

stations and KDRO 95.1

0900 KEZO 92.3 NE Omaha, ID

1200 "KTLF" 89.9 CO Canon City, xlator, CO #121

7/11 tr

0915 KROT 93.5 NE Columbus, k, ID

0917 WQW 94.1 NE Omaha, ID

7/12 tr

0530 KZ14AU 90.7 KS Sharon Springs,

"High Plains Public Radio"

7/30 tr

2215 KRZT 98.7 CO Cortez, fading up occas.

0006 WXPB 88.5 PA PHILA, several locals off, so as not to interfere w/army elec. equip. Looking for long lost WWI weapons that have been turning up during const. in west DC. 0916 WMSG 92.9 PA Wilkes-Barre, o/fog! 0930 WKKL 94.9 PA Harrisburg, no sign of WJOI or WEPV 0935 WRFY 102.5 PA Reading 0938 WQXA 105.7 PA York, tough null on WQSR 0950 WAFY 103.1 MD Middleton, w/WHY & WCUL 1000 WHFC 91.1 MD Bel Air, all Phila & NJ strong.

SEPTEMBER 1993

0621 KLSX 107.3 TX Whitehouse-Tyler, r-a/c
0622 KYOT 106.7 TX Granbury, j
0623 KTTX 106.1 TX Brenham, K-TEX 106, k, wx
Steve's massive report to be cont. next month.

GREG CONIGLIO
5100 GLENWOOD DRIVE
WILLIAMSVILLE, NEW YORK 14221
e-mail: coniglio@acsu.buffalo.edu

SAUL'S COMMENTS ARE ON
THE NEXT PAGE

SAUL CHERNOS' comments (DX on previous page)

I had Spanish program // 913 on 915 and 917 Greg says it was WGLN splashing over or something (yep they have been putting out signals on those freqs. and 911 and 909 as well, since at least May They fooled me that day fool-gc). Had it/them on car radio during an Es kill. Do they count as separate stations? (I don't know what club rules are for something like that?gc) July 11 atop Scarborough Bluffs in east Toronto, W8EE Rochester in so strong that it over-rode local CISS on 92.5 in one area. 99.7 Palmyra NY also held its own despite CKFM 99.9 Speaking of CISS, July 25, had dance music on 92.5 and "Kiss 92.5" slogan Toronto's new country FM, CISS, has same slogan. Turned out to be Toledo! July 17 weekend, a station broadcast the Molson Indy car races. In previous years it has been CIEG on 91.9. This year 106.3 and so weak some local DXers didn't get it July 23, CBC relay on 91.5 & 94.3 // 105.9 105.9 and 107.5 to be replaced by 91.5 this September, with commercial AMers going to FM. Will report full details next month. 94.3 is a new relay in Huntsville. Both seemed to sign on late in the day, so I suspect still prepping. 91.5 tested a few years ago but signal was poor and the switch wasn't made. This time it seems stronger, I logged it in Toronto. Sounds like Nashville was a Texan blast, sounds like the event was well put together and wish it could have gone on with the fall tropo!

73's Saul

BILL NIENAJADLY (KF2OK) - PO BOX 2999 - CLIFTON, NEW JERSEY 07015

Equipment: Fisher FM 889 tuner, 2 110 khz filters, 6 element antenna

JUNE 1993 DX

12 Es (finally!)

- 1223 WCTQ 92.1 FL Venice, Es pest yearly!
 1225 {WIKX} 92.9 FL Punta Gorda, ex WQLM
 1238 WYUU 92.5 FL Safety Harbor, burnouts
 1246 WMTX 95.7 FL Clearwater, Mix 96 yawn
 1253 WXYU 95.3 FL Homosassa (hmmmm, something new for a change!)
 1300 WMFQ 92.9 FL Ocala Q-Lite
 1313 WRKX 96.1 FL Bonita Springs, 96 K Rock
 1321 WDDQ 92.1 GA Adel Truckstop, ext 10 Adel* all adds
 1331 WBLX 92.1 FL W Palm Beach, Relax 92.1
 1337 WBOV 92.5 FL Key West, Wow 92.5 and Future Hits Program
 1350 WZEW 92.1 AL Fairhope 92 Zoo zzzzzz
 1405 WLUN 95.3 MS Lumberton, legal ID
 1409 WDJC 93.7 AL Birmingham
 1420 WJMI 99.7 MS Jackson
 1433 WPCF 100.1 FL Panama City Beh, local
 1436 WOOF 99.7 AL Dothan, Woof, snore, yawn!
 1500 KCMA 92.1 OK Broken Arrow
 1523 KXLS 99.7 OK Alva

14 Tr (very strong)

- 2302 WEHN 96.7 NY E Hampton, full scale
 2304 WBLQ 99.3 RI Block Islands, full scale
 23.4 WCTK 98.1 MA N Bedford, full scale
 2315 WJFD 97.3 MA N Bedford, Portuguese
 2315 WXTK 94.9 MA W Yarmouth, full scale!
 2320 many New England and Long Island full scale

22 Es

- 1737 WTUG 92.9 AL Tuscaloosa
 1743 WRQO 102.1 MS Monticello Q102, MS wx
 1755 WTYJ 97.7 MS Fayette WTYJ WMIS nx
 1759 WJMI 99.7 MS Jackson
 1808 WBKN 92.1 MS Brookhaven

- 1832 KZOC 92.9 KS Osage City
 1846 KTGL 92.9 NE Beatrice
 1852 KEFM 96.1 NE Omaha, (zzzz, yawn snore), hi Mike?
 1914 KMQE 92.1 MO Butler ments of St Louis Cardinals ball game later on
 1930 KICT 95.1 KS Wichita
 24 Es
 1400 MUF to FM 94.5 1430 approx, no IDs
 1732 WBKN 92.1 MS Brookhaven
 1742 WDLJ 96.9 MS Indianola
 1900 WJMG 92.1 MS Hattiesburg
 1906 WBLX 92.9 AL Mobile
 1907 WVFJ 93.3 GA Manchester, Christian mx
 1910 WXLX 100.5 AL Fort Rucker LS100 k
 1913 WKCN 99.3 GA Lumpkin, Kissing Country
 1915 WXDJ 95.7 FL Homestead, se habla Español
 1920 WRJM 93.7 GA Geneva
 1922 WLUN 95.3 MS Lumberton, 3rd time heard this season
 2015 WLRQ 99.3 FL Cocoa, Brevard County lame music, yawn zzzzzz

JULY 1993 DX

3 Es

- 1750 WJXR 92.1 FL Maccleny home shopping
 1755 WDDQ 92.1 GA Adel ext 10 Adel
 1830 KZOC 92.9 KS Osage City
 1840 KYEZ 93.7 KS Salina
 1847 KJNA 99.3 LA Jena
 1850 KRVV 100.1 LA Bastrop burnout city!



P.O. BOX 5398, GAINESVILLE, FL 32602

BILL NIENAJADLY's report continues...

JULY 1993 DX

- 5 Es
 1821 WQUE 93.3 LA New Orleans
 1822 WZEW 92.1 AL Fairhope
 6 Es
 1848 KSD 93.7 MO St. Louis
 2030 strong tropo to the east
 12 Es
 1842 KYKX 105.7 TX Longview, (song-case of beer fell off my pickup truck now I'm cryn + drunk!) in hi
 1848 KSYN 92.5 MO Joplin, ment nearby areas
 1850 KFXI 92.1 OK Marlow, loca. mentions
 24 Es
 1205 KRLS 92.1 IA Knoxville or Nocksville?
 1210 KTGL 92.9 NE Beatrice, Eagle
 1213 KIOA 93.3 IA Des Moines, oldies, talking about Des Moines water works
 1223 KRNA 94.1 IA Iowa City/Cedar Rapids all Iowa Fair Durham Downs local ments

WORTH REPEATING

Extracted from an editorial in the Sun Times, Owen Sound. Radio Fugue FM in Compiègne, France, plans this summer to broadcast a special sound wave for mosquitoes.

The station intends to broadcast an ultrasound inaudible to humans at the frequency emitted by male mosquitoes, to keep the females away. The signal will create "a bubble with a radius of four metres around the radio free of biting mosquitoes," Fugue claims.

The prospect seems attractive. Perhaps we should be soaking the newspaper in citronella.

Saul Chernos

TORONTO STAR

Much E-skip but much of it was short lived with many of the openings a half hour or less to minutes at best I did note MUF to 107.9 twice but none of it lasted long enough to ID it. After a horrible spring, I'm glad it came back. No blockbust trop though. A few Boston, Providence, New Bedford stuff but no deep North Carolina stuff. July 30th 1993 I passed my Extra Class Ham Radio License with a long time dream realized (Congratulations Bill!-gc) What next? Maybe a First Class radio telephone or a commercial license someday where I could work on commercial radio and TV transmitters, hmmm. Well anyway, good luck Bill KF2OK AE

RICHARD CONTONE - 162-07 87th STREET - JAMAICA, NEW YORK 11414

MAY 1993 DX

31 Tr

- 1442 WDRE 92.7 NY Garden City, \$-stereo 13



JULY 1993 DX

18 Tr

- 1700 WHTG 106.3 NJ Eatonton, not much 25
 29 Tr
 2125 WJLK 94.3 NJ Asbury Park, this station IDs with WQNJ 98.5 Ocean Acres, NJ. I wrote a reception report but still in mail 29

WDRE IDs with a WI-- in Philadelphia. A contemporary hard-rock station station (L dislike it, but want the one in Philly. Possibly with WIOQ 102.1 but FM Atlas says "slow rock". (It is WIBF 103.9 Jenkintown/Philly that they are parallel to: WIOQ is "Q102" and dance music. On July 6 I received a WEHM which advertises as "East-end radio". I found that it originated from Eastern Long Island, NY, which I call Suffolk County. From me to Suffolk Co. border is 35 miles by car, but it was interesting that it came over WKHL Stamford, CT on 96.7. I always get WKHL "Cool FM" because of its power, so this WEHM was rare. No list in the FM Atlas on 96.7, I guess coming from the Hamptons (yep, E Hampton, it is a new station-gc). Looking for it under WKHL. Another A WJUX-FM 103.1. I think that it is coming from a transmitter in Wayne, NJ using a transmitter that once was on the educational band on 88.7 Mhz. FM Atlas lists as WPSC. Call themselves "Jukebox Radio". Get them under WBZO 103.1 Bay Shore. They serve Hackensack, NJ, which is 20 miles from me. Note. I just equipped myself with a bandstop filter for VHF-HI TV attenuation for FM reception. I built it from a filter design using LC traps. Club for 7-23 log. I switched to MW longwire antenna from all band TV used dual amplifier - perfect!

73, Richard Contone

NORTHERN FM DX

SEPTEMBER 1993

DAVE NIEMAN 12284 NICE ROAD- AKRON, NEW YORK 13001-9529

Equipment: Carver TX 11a tuner Channel Master Stereo Probe 9 at 36 feet AGL on crankup tower, (826 feet ASL) Alliance HD 73 rotor and RG 11 coax. New loggings are underlined New call KKKK New propagation mode WWW

JULY 1993 DX

1 Eskip
1334 WKGR 98.7 FL Fort Pierce, "The Gator 98.7" rs 1099
1340 WRBQ 104.7 FL Tampa, The Q 105 Ks 1061
1350 WJLF 91.7 FL Gainesville, call "Love 91" rs 941

JULY 1993 DX

6 Eskip
1200 KCLV 99.1 NM Clovis, call Ks 144H
1218 KCSU 90.5 CO Fort Collins, call rps 1374
1300 KSEC 93.1 CO Lamar, call KC 93 Ks 1301



Wow! after looking at Greg Coniglio's report and others in the August VOD I did miss some good DX in June. What I didn't miss was one of the best and biggest WTEFA conventions in years. Hosts Doug Smith and Tom Bryant must have spent every waking hour for months planning it. Everything ran smoothly; the hotel staff were warned about DXers and what they might see coming thru their lobby (antennas & electronics gear). I thought the hotel staff would think we were CIA setting up a surveillance of Nashville and the surrounding area or a sting operation. DX from the hotels 9th (top) floor was better than I imagined. The FM band was loaded with stations and not all local. Loggings of 300+ miles were common, and the view from downtown was spectacular. Glad I didn't miss this convention. Thanks Tom Doug for both doing a great job and thank to all Nashville area broadcast stations, Opryland USA & businesses for your contributions to the 1993 WTEFA Nashville Convention goodie bag. Tom Doug, how about 1994 see you both in Nashville again? Ha! Dave

DAVE NIEMAN - HO STA GFH - ROAD-ROCK CITY, NEW YORK

Equipment: Carver TX 11 tuner IF filter modified Antennacraft FM 10, at 25 feet AGL (2415 feet ASL) Winegard FT 7600 variable FM trap for 95.7mhz, RG 6 coax and Radio Shack rotor New loggings are underlined New call KKKK New propagation mode WWW

JULY 1993 DX

3 Eskip
1523 WMLC 89.7 FL Miami, call S 1144
1529 KQID 93.1 LA Alexandria, 93 QID rs 1042
1541 WPOW 96.5 FL Miami power 96.5 rs 1147
1600 KTRU 91.7 TX Houston, ID js 126H
1600 KPET 90.1 TX Houston, ID ss 1263
1606 KRTS 92.1 TX Seabrook, Houston's fine arts station, cs 1259
1613 KLOI 101.1 TX Houston, "Houston's 21" call, rps 1279
1650 KERA 90.1 TX Dallas Ft Worth's Denton, ID, cs 1202
1755 WKKK 103.7 FL Cape Coral, B 103 rs 1067
1857 WKGC 90.7 FL Panama City, call cs 912
1906 KJJC 88.5 MO Kansas City, call gs 863
1 tropo
0835 W21AAA 90.7 NY Corning, WSKG 89.3, cs 71

5 tropo

0720 WRTI 90.1 PA Philadelphia, Jazz 90.1, js 217
0729 WBBQ 93.3 OH Youngstown, call, os over WWST Jamestown, NY 130
0731 WQZS 93.3 PA Meyersdale, The all new 07 93, rps, over WWSE Jamestown, NY 157
0741 WELK 94.7 WV Elkins, lcl wx + K 95 FM, rms 225
0804 WPRR 100.1 PA Altoona, call, rs over KJ WRRR Bradford, PA 105
0814 WYSN 101.7 PA Central City, "Sunny 101.7" mfs 133
0843 WALY 103.9 PA Bellwood, "Wally 104", os over WLMi Kane, PA 100
0935 WGTI 107.7 PA Gettysburg Country 108 GTY, Ks, over WNL C Wethersfield, NY 169
1037 WCBs 101.1 NY New York New York's oldies station CBS FM os 248
17 tropo
0312 WKLK 92.3 VA Roanoke K 92, rs 344
0417 WJFA 95.4 PA Washington call os 150
26 tropo & scatter
1341 CBOD 94.3 ON Orillia tMong CBC radio 105.9 Orillia 185

JULY 26 tropo & scatter continued

1416 WLIJ 97.5 NY Waterbury, "CIZ FM" rs 1539 WSKQ 97.9 NY New York, St Marys PA 188
1658 WDBC 94.5 PA Lancaster, call, gs over WNEB Buffalo NY 187
1818 WILR 96.3 DC Washington call s phone in talk show 22J
July 26th I replaced Antennacraft FM 10 with Channel Master model J408 "Stereo Probe 9 29 tropo & scatter
1827 WPCY 97.5 NJ Trenton, call rs 228
WKYN St Marys PA off temporarily

30 tropo & Eskip

1400 W20A 88.7 NY Danville, ID WMHR 102.9, gs, 55
1536 WQHI 97.1 NY New York, "Hot 97", cs New York's hottest music 248
1918 WLSA 100.7 FL Tampa, Tampa Bay's W 101, rs 994
1923 WAYJ 88.7 FL Fort Myers "way FM" gs 1100
1935 WMNE 88.5 FL Tampa, call, os 1003
1945 WYFL 88.9 FL Tarpon Springs, call gs 908
31 tropo & scatter
WNOC 107.7 Wethersfield NY off this morning for a couple hours
0741 WHSB 107.7 MI Alpena, "107.7 RSB" rs 337
0748 WFSP 107.7 WV Kingwood, sunny 107.7, call rs 253
0751 WQNA 107.7 NY Albany, "Country 107.7" + call Ks 232
0815 WBBW 107.7 OH Loudonville, call oldies 107.7, os 212
0836 WBBK 107.7 MI Portage call rps 352
0916 107.7 "thunder 107.7" rks 777

AUGUST 1993 DX

1 tropo & scatter
0411 WIRQ 92.4 MD Baltimore 92 Q "lcl wx call ss WRRN Warren PA os for the night
0912 WSNL 92.1 PA Luck Haven sunny 92 area adv rms 78



Took down the FM 10 and put up a Probe 9 at the same height. I didn't take too much time to play around with it but I did notice more gain, better nulls and a much better front to back ratio. Dave

NORTHERN FM DX

SEPTEMBER 1993

JBRUCE HALL - 5 STIRTON AVE. - BRANTFORD, ONTARIO CANADA N3T 1E2

Equipment: JVC JRS201 receiver (IF mod with 3 110 khz filters), Magnum Dynalab Sleuth 205 amp Probe 9 fed with RG6 at 50' AGL. Crown rotor distances are in kilometres.

JULY 1993 DX

5 Tr
2200 WMHI 94.7 NY Cape Vincent, g legal 337
2228 CKKL 93.9 ON Ottawa, r Cool FM Fewer commercials and less talk, the new Cool FM 447

6 Tr

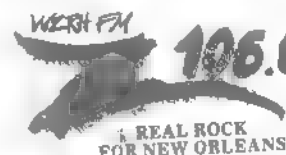
1700 CBKE 97.7 SK Regina tm, CBC ID heard in French 5th PROVINCE heard 2025
1721 WTBX 93.9 MN Hibbing, r calls, yll 1099
1724 KXLP 93.1 MN New Ulm r, local ads 1147
1726 KKWO 92.5 MN Warroad, k, KQ92 "Gibson Miller Band, Texas Tattoos on KQ92" 1327

7 Trs, Tr

1208 CJRQ 92.7 ON Sudbury Q92 weather 380
1341 WDSY 107.9 PA Pittsburgh, Ks, "today's hot new country here's Pam Ti.us on Y108" 299
1413 WENZ 107.9 OH Cleveland, "Helping to preserve our environment 107.9 The End" 213
Energy 108 running at low energy thanks for tip Greg

July 21 Trs G Buffalo stations off the air

0012 WKKW 106.5 WV Clarksburg, calls sung out and Clarksburg heard k 426
0049 WHLM 106.5 PA Bloomsburg, New Mix 106.5 and calls also heard 394
0123 WSTQ 96.1 KY Owensboro, r 96STO
"today's best music" Mike Desmond DJ 829
0246 WFCI 93.7 OH Mansburg, gospel, music and calls heard 511
0228 WRVC 93.7 KY Ashland Oldies 93 "The 100 000 watt voice of good times rock and roll, the new Oldies 93 RVC", Wild Thing by the Troggs



Thanks Greg for tips on Low Energy 108 and your 3 locals off info. Netted 7 new ones thanks to you. Especially pleased with WSTO at 829 km in Full Stereo! Sitting here writing this, enjoying the midnight skyline of Nashville with Doug Smith working the 2m ham band and Mike Hawk working the FM. It's Sunday night and the 93 convention is winding down quickly. This report concludes my 4th convention and I feel quite strongly that Doug Smith and Tom Bryant deserve several kudos for what I consider the new high standard that all future conventions will be compared to. Every detail was looked after so well by Tom and Doug and they even used their southern hospitality to open up the band for the BEST TROPO of the season! Thanks guys for the dance at "Tropo City USA" 73 dB

GUS MANCISO - 5615 INWOOD STREET - HYATTS, MARYLAND 20785

From Atlantic City, NJ, S.W. side of Caesar's Palace

MAY 1993 DX

13 Tr
1930 WQNJ 98.5 NJ Ocean Acres, simulcasts with WJLK 94.3 Asbury Park
2050 W2NN 106.7 NJ Cape May news
14 Tr
0655 WSHU 91.1 CT Fairfield
0715 WLIF 101.9 MD Baltimore



STATION NEWS: WBNJ 105.5 Cape May Courthouse NJ is now country, WEGX 106.1 in Philadelphia is now WJJZ, and jazz. Still not on air: 105.7 and 107.3 in south NJ. Have picked up 56, 16, and 4 new stations the last 3 summer trips respectively. Time to try Foxwoods casino in Connecticut! Note: moved to the usually more lucrative N.E. side of building for the second nite, but did not get any new loggings.

REPORT TO THE V.U.D. TODAY!!

NORTHERN FM DX

SEPTEMBER 1993

JEFF FALCONER - P.O. BOX 63 - CLINTON, ONTARIO N0M 1L0

Equipment: Magnum Dynalab FT 101A, Probe 9 at 27' with rotor RG 11 feed Magnum Dynalab 205 preamp

MARCH 1993 DX

3 TrS

1741 WvSH 91.9 N Huntington m\$ ID 277

7 MS

0103 KVL 103.7 TX Dallas "KVL home of the best"

APRIL 1993 DX

9 TrS

0027 (WORD) 101.5 PA Pittsburgh g\$ Dex WPR 234

0034 (CKGE) 94.9 ON Oshawa r\$ ex CKQT 135

14 TrS

2041 WKS 102.7 PA Williamsport, ads\$ 284

2100 WKE 94.3 PA St. Mary's, o\$ and ID

easier now that WEOZ is off the air 213

17 TrS

1843 (WYGY) 96.5 OH Hamilton k\$ Y96 ex WZRZ 327

1848 (WMMX) 107.7 OH Dayton, m\$. Mix 107.7 302

18 TrS

1627 C.MJ 100.3 ON Ottawa, r\$ Magic 100 313

MAY 1993 DX

16 TrS

1402 WEC 91.5 IN Richmond, ID n\$ 314

JUNE 1993 DX

12 Es

1150 WJXR 92.1 FL Maccleny, k\$ 921

1153 WLS 91.9 AL Jacksonville, r\$?

"Hot Rockin' 92-1" 715

1201 WJWF 88.1 FL Pensacola, o\$ ID 964

1206 WBY 88.5 AL Mobile g\$ 963

1207 WFT 89.5 FL Melbourne ID\$ 1074

1209 WvLK 92.9 KY Lexington k\$ K33 TrS 415

1213 WJDB 95.3 AL Thomasville for

Alabama Power 893

1251 (WJYO) 91.5 FL Ft. Myers, g\$. Joy FM,

previously heard as WSRX 1186

1300 WLRN 91.3 FL Miami, ID\$ 1236

1302 WMCU 89.7 FL Miami, ID wx\$ 1236

1334 WRMB 89.3 FL Boynton Beach, address\$ 1183

1514 KTUX 98.9 TX Carthage r\$ Tux 99 1056

1520 KAGG 96.1 TX College Station ads\$ 1214

1521 KYKZ 96.1 LA Lake Charles k\$ Kicks 96

1524 KWKH 94.5 LA Shreveport, k\$ Radio Ranch 1016

1525 KITT 93.7 LA Shreveport ID\$ 1016

1526 KSSN 95.7 AR Little Rock, k\$ Kissin 95 840

1527 KEGL 97.1 TX Ft. Worth, r\$ The Eagle 1140

1532 KMOO 96.7 TX Mineola, k\$ 1071

2055 KSCS 96.3 TX Ft. Worth, k\$ 1140

15 Es

1800 KUNC 91.5 CO Greeley ID\$ 1210

16 Es

2047 WMMK 92.1 FL Destin k\$ K92 953

16 Tr

2107 WNL 95.5 IL Chicago m\$, ID 332

21 Es

1803 WPRK 91.5 FL Winter Park r\$ ID 1038

2000 KUNE 89.5 TX Tyler g\$

June 21st E-skip continued

2014 KPIX 99.5 TX Ft. Worth, k\$ K-Plex 1140

2015 KRSP 105.3 TX Dallas k\$ Young Country

of local CFCA, Jeff they have new cars but don't

recall what they are KYN I believe-gcl 1117

2025 KQYI 106.7 TX Granbury Coyote Rdo bms 1174

2030 KSTV 105.7 TX Stephenville ads\$ 1202

2033 KSSA 106.9 TX McKinney Spanish\$ 1089

2057 WRR 101.1 TX Dallas o\$ 1117

24 Es

1742 WMLZ 92.5 SC Manning, k\$ Wheels 92-5 689

2045 WZZR 92.7 FL Stuart, ads\$ 1137

2049 WXDJ 95.7 FL Homestead, SS\$ 1232

2050 WEDR 99.1 FL Miami r\$ 99 Jams 1236

2052 WRTQ 98.3 FL Goulds, Spanish\$ 1212

2054 WEOH 92.5 FL Key West, r\$ Wow 92-5 1317

2056 WYIA 93.3 GA St. Mary's, ads\$, A1A 890

2059 WYUW 92.5 FL Safety Harbor o\$ 1084

2100 (WKK) 92.9 FL Punta Gorda, ID\$ ex WQLM 1143

2102 WHTQ 96.5 FL Orlando r\$ Q-96 1042

2108 WZMO 103.9 FL Key Largo Spanish in

stereo Stereo Fiesta 1283

2128 WCMQ 92.3 FL Hialeah Spanish\$ 1232

26 TrS

0218 WRF 98.9 OH Upper Arlington, k\$. River 262

1108 CIRV 88.9 ON Toronto, ethnic, ads, ex 88.7 108

1638 (WTKB) 100.7 PA New Kensington, k\$,

"K bear" ex WMMX 229

28 TrS

0712 WDCZ 102.7 NY Webster, g\$. ID 208

JULY 1993 DX

1 Es

1909 KGNZ 88.1 TX Abilene g\$ ID 1255

1923 WZQ?? 89.3 OH WKSU 89.7 r\$ (TrS)

1929 KACU 89.7 TX Abilene, ID\$ 1255

1930 KSYE 91.5 OK Frederick ID\$ 1135

1931 KFLQ 91.5 NM Santa Fe rx, wx sps\$ 1432

1936 KNFM 92.3 TX Midland, wx\$ 1379

1938 KQZ 93.1 TX Amarillo Texans BB\$ 1228

1939 KBAI 93.3 TX Midland, r\$ Pur eRock 93 1379

1943 KECO 96.5 OK Elk City k\$ ID 1109

1946 KCLV 99.1 NM Clovis k\$ ID 1328

1952 KZRQ 105.1 NM Albuquerque r\$ Z-Rock 1467

2006 (KERC) 107.5 NM Clovis k\$ ex KZZO 1328

2029 KRZA 88.7 CO Alamosa ID\$ 1346

2 TrS

0000 CBON18 88.1 ON Sault Ste. Marie CBC FF mono 243

0050 WBNS 97.1 OH Columbus o\$ at new B97 262

0112 WGLQ 97.1 MI Escanaba, ads\$ 309

0153 WJQZ 93.5 NY Wellsville m\$ ID too weak

to tel. if \$/t is not, they are mono-gcl, 209

102.9K-Lite FM
Continuous Light Min.

MORE GREAT DX ON THE NEXT PAGE

NORTHERN FM DX

SEPTEMBER 1993

JEFF FALCONER's DX continues.

JULY 1993 DX

3 Es

1538 WMAW 88.1 MS Meridian, o\$ 870

1548 KPAE 91.5 LA Erwinville asking for \$\$ 1057

1552 WQCK 92.7 LA Clinton remote from

Family Freedom Festival, Q-92.7 1024

1555 KKBQ 92.9 TX Pasadena k\$ 93-Q country 1226

1601 WADL 94.9 LA Reserve ads\$ 1058

1623 KQK 95.3 LA Bayou Vista k\$ 1102

1626 WYNF 94.9 FL Tampa, r\$ 95-YNF 1084

1632 KLEB 94.3 LA Galliano k\$ 94 Country

ex KBAL 1060

1653 WESE 92.5 MS Baldwin ads\$ 735

1655 WSCF 91.9 FL Vero Beach, g\$ 1106

1752 WEOH 92.5 FL Key West r\$ Wow 92-5 FM 1317

1756 WQZN 98.7 FL Key West, ads\$ 1317

1758 WYVI 100.7 FL Ft. Lauderdale, r\$ Y100 1212

1759 WLYF 101.5 FL Miami m\$ 1236

1800 WZMQ 103.9 FL Key Largo Spanish\$ 1283

1801 WEAT 104.3 FL Ft. Palm Beach, wx rpt\$ 1171

1804 WQBA 107.5 FL Miami, Spanish\$ 1236

1809 WRTQ 98.3 FL Goulds, Spanish\$ 1250

1811 WCVU 94.5 FL Naples, ads\$ 1208

1838 WYAG 89.1 FL Sarasota, g\$ Way FM 1127

1842 WCTQ 92.1 FL Venice, k\$. Q92 1142

1843 WCHY 94.1 GA Savannah, k\$, Y94 798

1845 WKG 96.9 FL Jacksonville o\$ Cool FM 918

1849 WGCC 98.3 GA Midway o\$ Oldies 98.3 795

1851 WTK 98.5 FL Crystal River r\$ 1019

1854 WQK 99.1 FL Jacksonville k\$, ID 918

1900 WLDH 97.3 FL Cheffand, ID\$ 979

1904 WXDJ 95.7 FL Homestead, Spanish\$ 1254

1905 WGYL 93.7 FL Vero Beach, o\$ 1106

1919 WJXR 92.1 FL Maccleny auction\$ 921

4 TrS

1129 WVRM 102.7 W Suring g\$ 351

1133 WLV 104.5 M Saginaw r\$ WBTZ 100.9 123

1146 WCM 94.7 M Gulliver k\$. The Country

Music Machine 294

1617 (WVTV) 96.1 PA Pittsburgh, ads, variety 96.1 234

6 Es

1831 (KNIN) 92.9 TX Wichita Falls ID\$ ex KBID 1134

ALAN R. MILLMAKER - 2714 LAKE ROAD - CENTRALIA, ILLINOIS 62801

KAGJUL Equipment Lafayette 3030 receiver, Winegard 3030 antenna up 20 ft amplifier 1113B set to minimum or AOR scanner amplifier heard the following information on 7/25/93 on 98.7 at 1217PM, weather forecast calling for a high of 103, remote from Waimart, then D of KLUU (Dallas Fort Worth, TEXAS) playing odies then decided to tune up then Lafayette 3030 First the oscillator was set on frequency, then the mixer was adjusted for maximum on the high end of the dial and finally the antenna trimmer was adjusted in the same location. On morning of 7/27 I picked up these with antenna west

0127 WDLX 99.7 Louisville, Ky.
0132 WZPL 99.5 Greenfield, Ind.
0142 WXXP 97.9 Anderson, Ind.

I want to reverify that I heard KMZU and not KMTL as previously reported. The DJ that was on at the time said call letters wrong

73 and good DXing, Jeff

WUFT-FM
CLASSIC 89

NORTHERN FM DX

SEPTEMBER 1993

Mike Hawk, NOOSY - 10212 P ST - Omaha, NE 68127-2130
Equipment: Kenwood RT-815 tuner (IF mod), FM-10 at 30'

6/30 Es	1729 WMAU	88.9 MS Bude	733
0032 KNEV	1734 WXXZ	95.7 LA New Orleans, Mix	846
7/1 Es	1859 KBNR	88.3 TX Brownsville, SS	1062
1743 WNNN	1900 KMRH	88.9 TX Harlingen, Classic 88	1043
1745 WABB	1907 KBCO	94.7 TX Corpus Christi, Base 94	930
1746 Left for work but had tape player going	2022 KBNL	89.9 TX Laredo, SS	967
1750 WQID	7/6 Tr		
1812 WYBB? 93.7 TN Dickson, mention of central	2201 KZZD	91.1 KS Wichita, Z91, r	254
TN and also Nashville in ad. This would	7/8 Es		
be state #47 and closest Es ever	1030 WAYJ	88.7 FL Ft Myers	1302
1815 WDJC	1034 WAYG	89.1 FL Sarasota	1230
93.7 AL Birmingham, g	7/9 Tr/TX		
7/2 Tr	(KVNO, KGRI, KZRX, KLDZ off & KYNN		
2308 KZZU	on w/open carrier after t'storm)		
100.7 MO Carrollton, ID's. Heard	0116 KXOM	96.9 KS Pittsburg, K97	272
THROUGH KGBI (100 KW local) on 100.6 and	0910 KRDO	95.1 CO Colorado Springs	492
100.8. Apparently KZZU has a wide signal	7/28 Tr		
2312 KFMZ	2300 KMOD	97.5 OK Tulsa	350
98.3 MO Columbia, r	2315 KGNB	107.5 OK Ketchum, K-Grand	342
7/3 Tr	2344 KGLC	100.9 OK Miami, lcl ads	306
0015 KBIA	7/29 Tr		
91.3 MO Columbia	2210 KQSK	97.5 NE Chadron, "97.5 and 106 FM"	
0032 KJUM	2215 KSDZ	95.5 NE Gordon, k	334
107.7 MO St Louis, Magic 108; other	2227 KRZZ	96.3 KS Derby, tough w/KEFM-96.1	
St. L's also heard	2305 KPNY? 102.1 NE Alliance, Tri-102		357
0111 KRRR	Tulsa stns and some SD also in strong		
100.9 MO Canton, K triple R	7/30 Tr		
7/6 Es MUF	0100 KILI	90.1 SD Porcupine, "Keelee Radio"	
107.5; off/on all morning	0130 KSCK	99.1 KS ??, Channel 99. Note 1.	
0931 WZFX	0811 KRTY	96.3 MO St Louis, Juke Box 96	358
99.1 NC Whiteville, The Fox	0815 WBBB	97.5 IL Pittsfield	298
1048 WNSC	0855 KKH	97.7 MO Springfield	313
88.9 SC Rock Hill, SC Pub. R	0900 KVVU?	88.3 MO Springfield, The Wind FM	
1055 WRJA	0910 KRTZ	107.5 AR Mountain Home, Mix 107.5	
88.1 SC Sumter, //88.9	Note 2		391
1056 WEZZ	0915 KRKY	102.5 MO West Plains	383
97.5 TN Knoxville, TN#2	0930 KANS	95.1 AR Mammoth Spring, o/KLDZ!	
1101 WMAP	K Country 95		406
102.3 SC Pageland	1000 KWFC	89.1 MO Springfield	313
1104 WPEG	1005 KCVT	91.7 MO Camdenton, g	283
97.9 NC Concord, Power 98	1025 KQEA	97.5 MO Doniphan, k	424
1107 WESS			
91.9 NC Fayetteville			
1312 WALK			
97.5 NY Patchogue, Walk FM			
1317 WCIZ			
97.5 NY Watertown, CIZ-FM			
1318 CHYM			
96.7 ON Kitchener, Chime FM; mtn			
of Kitchener. CL change?			
1320 WKSS			
95.7 CT Hartford, Kiss 95.7			
1330 Monterrey and Nuevo Laredo in to 102.9			
All relogs except for:			
1331 KHNOE			
91.3 TA Nuevo Laredo			
1333 XHRP			
94.7 CL Saltillo			
1336 XHSAB			
89.5 NL Sabinas Hidalgo, bad audio			
but \$ once again			
1341 A FF station was heard on 94.91			

Note 1: In a promo they mentioned 4 decades of service. That seems strange considering I have no record of them or the call signs on 99.1 or any other freq. Maybe its another stn on 99.1 who just changed CL's?

Note 2: Frank Merrill's success in logging 9600 miles worth of tropo on 106.7 inspired me to recalculate 107.5, in which I've heard 6620 miles worth of tropo.

DX in July was mediocre. Es took a dive, but not quite as bad as last year. Tropo was terrible until the last few days of the month. Still nothing beyond 500 miles this year. The best tropo this year was at the convention in Nashville. Texas and Oklahoma was seen/heard to distances approaching 800 miles. I had a great time, and Tom and Doug did a great job as hosts. I'm already looking forward to next years, as long as it is within a 2 days drive and is during summer (school and DX conventions don't mix). It's strange in how much this year's DX has paralleled last year's. Es started strong both years & ended abruptly in July. Tropo was slow until the end of July both years. Maybe that means August will have 8 days of tropo beyond 500 miles like last year!? I hope so! 73

CFMX-FM 103.1



NORTHERN FM DX

SEPTEMBER 1993

MIKE BUGAJ - 69 SHERMAN RD - ENFIELD, CONNECTICUT 06082

Tuner is a Carver TX11 (IF modified) with Probe 9 at 30' agl. New underlined

JULY 1993 DX

2 Tr	0845 WQSR	105.7 MD Catonsville, oides	
	0845 WIOV	105.1 PA Ephrate, Cntry 105, rare	
3 Es	1748 WHFX	103.3 GA Waycross, Fox 103	
	1751 WYGC	100.9 FL Gainesville, Hot k Hts	
	1752 WNCK	99.7 SC Pt.Royal, K 99.7, k	
	1759 WUSF	89.7 FL Tampa	
	1852 WSYE	93.3 MS Houston, Sunny 93	
	1852 WGRM	93.9 MS Greenwood	
	1855 WKTF	95.5 MS Jackson, country?	
		(Yeah, and new calls to go with switch-gc)	
	1900 WAFR	88.3 MS Tupelo	
	1906 KTRX	93.5 MD Tarkyo ID w/KMZL	
5 Tr	0920 CHEZ	106.1 ON Ottawa, Chez 106, plus	
		other Ottawas	
6 Tr	0630 heavy	Norfolk and coastal Maryland	
	2250 WRSF	105.7 NC Columbia, k	
	2300 WMYJ	106.5 MD Pocomoke City, dual ID	
		with WKRE 107.5 which was also heard	
11 Tr	0852 WDHJ	100.3 NY Delhi	
12 Es	1934 WOGY	94.1 TN Germantown, Froggy 94	
		k, mention of Memphis area towns (Mike,	
		this is Germantown moved from 94.3, not the	
		94.1 Ripley CP-gc)	
	2007 KKKK	91.5 TX Texarkana	
	2016 KWKH	94.5 LA Shreveport, Radio Ranch	
	2035 KRMD	101.1 LA Shreveport, k	
	2036 WMC	99.7 TN Memphis, FM100	
	2041 KYXX	105.7 TX Longview, Hot k Kicks	
	2043 KNUE	101.5 TX Tyler	
	2051 KDGE	94.5 TX Gainesville, The Edge	

JOHN EBELING - 9209 VINCENT AVE SO. - BLOOMINGTON, MINNESOTA 55431

All times are CST

FROM BLOOMINGTON, MINN LOCATION:

JUNE 1993 DX

9 Es	1954 KNFM	92.3 TX Midland, k	
	1955 KODM	97.9 TX Odessa, Mix 97.9	
	2000 KELI	98.7 TX San Angelo	
	2015 KDCC	92.9 TX San Angelo, CD Country	
	2020 XHEC	91.9 NL Sabinas	
	2026 KYNE	89.5 TX Tyler, PSA for East	
		Texas Cntr Center in Tyler	
	2029 KGNZ	88.1 TX Abilene	
	2035 KMTH	98.7 NM Majamar, +X SCA, c	
12 Es	1725 KCEP	88.1 NV Las Vegas, 1-15 traffic	
	1730 KSRR	92.9 TX San Antonio, note 1	
	1750 KBDR?	100.5 TX Mirando City, B100,	
		does this one have new calls?	
	1755 KZOR	94.1 NM Hobbs	
	1823 XHEC	91.9 NL Sabinas, \$	

25 Es

1950 WAKX	98.9 MN Duluth	
1950 KLMD	103.3 MN Duluth Public Radio	
2000 WR_LQ	94.5 WI Eagle River	
2000 WSCD	92.9 MN Duluth	
2004 KMFY	96.9 MN Grand Rapids	
2005 KDJK	97.5 MN Park Rapids	
2015 CITI	92.1 MB Winnipeg, 92 City FM	
2015 CHIQ	94.3 MB Winnipeg, Q94 FM	
2020 KBMP	101.1 MN Bemidji	
25 Tr	2100 Coastal Tropo, WAA/WYFI/WOLC/WSLT,	
	Norfolk area, coastal NJ and MD	
26 GW	2000 Some testing to the west with music (no	
	talk). Signal level about the same as Salisbury 98.1.	
	I think this is the new Sharon 103.3 testing.	
30 Es	1755 WOOF	99.7 AL Dothan
	1800 WRWA	88.7 AL Dothan
	1800 WDCO	89.7 GA Cochran, Peach St. PR
	1806 WPCN	100.1 FL Panama City Beach
	1808 WESP	102.5 AL Dothan, Oides 102.5
	1812 WRCC	101.7 GA Warner Robbins, k
	1814 WJQA	100.9 FL Marianna, k
	1821 WDJR	96.9 AL Enterprise
	1844 WMEZ	94.1 FL Pensacola
	1848 WTBB	97.7 FL Bonifay, 97.7 Pirate Radio
	1914 WTVY	95.5 AL Dothan
	1914 WRBA	95.9 FL Springfield, Bay 96
	1930 WTJT	90.1 FL Crestview, g
	1931 WRBH	88.3 LA New Orleans

So much for July DX. Tropo this month was poor. On a scale from 1 to 10, ten being excellent, I'd rate this Es season a 4. That's better than a zero, but not worth much more than a yawn.

June 16th skip cont.

1833 KNFM	92.3 TX Midland,	
	"West Texas Country Leader"	
1837 KBAT	93.3 TX Midland	
1841 KMRK	96.1 TX Odessa	
1901 KKO	93.3 NM Albuquerque	
1930 KRZA	88.7 CO Alamosa	
1933 KHFM	96.3 NM Albuquerque	
1956 KAFF	92.9 AZ Flagstaff	
2006 KNAU	88.7 AZ Flagstaff	
17 Es	1930 KNAU	88.7 AZ Flagstaff
21 Es	1731 WSCL	89.5 MD Cambridge,
	1737 WFBR	94.3 MD Cambridge, k (WICO-am)
	1742 WYLT	96.1 NC Raleigh, Y96FM
	1758 WSBF	88.1 SC Clemson
29 Es	1613 KIYE	92.3 CO Grand Junction, "KJOY" b
2043 KUHF	88.7 TX Houston	

more of john s dx to follow

JOHN EBELING'S report continues-

JULY 1993 DX

1 Es (Note 2)

1650 KPVU 91.3 TX Parane View
 1658 KJOJ 103.3 TX Freeport, g
 1702 KIVY 92.7 TX Crockett, local ads
 1706 KZFX 107.5 TX Lake Jackson, Z 107.5
 1715 KLLM 98.3 TX Columbus
 1719 KHOY 88.1 TX Laredo, +X SCA
 1724 KPLE 104.3 TX Temple
 1726 KVIC 95.1 TX Victoria
 1729 KVTI 91.7 TX Dallas, g, Renewal Radio
 1731 KVL 88.1 TX Denton
 1754 KQSR 107.1 TX Austin/Bastrop
 1755 KHKS 106.1 TX Denton/Dallas
 1800 KALK 97.7 TX Winfield
 1802 KWTX 97.5 TX Waco, a lousy ID
 1803 KMDL 97.3 LA Kaplan
 6 Es
 1729 KIOX 95.9 TX El Campo

**MIX
99.9**

Note 1: On this June 16th opening I had Spanish on 17 frequencies: 88.3, 90.1, 90.9, 88.9, 91.7, 91.9, 92.7, 93.3, 94.1, 94.3, 95.7, 96.1, 96.3, 99.7, 106.5, and 107.5 (John, they may have been double hop, I had 1700 miles reception to Monterrey at that same time-gc)

Note 2: On the way to the cabin, logged KSYE 91.5 OK Frederick (g) and KBIL 92.5 TX San Antonio (r) on the car radio, at about 2100. This Es season, I have been in Toronto from June 2-9 and also in British Columbia from July 7-14. Did not notice any Es in rented car drive from Seattle to Prince George, BC and back. As one might expect, FM band in Central BC is rather dead! That should about do it for now from MN. Regards from John Ebeling

MORRIS SORESENSEN - 29 JANET BLVD. - SCARBOROUGH, ONTARIO M1R 1H7 CANADA

Equipment: Panasonic RF-865 with whip antenna

DX from Kemptonville, Ontario

JULY 1993 DX

9 Tr

2258 KQOJ 96.9 PQ Verdun, French, local ads
 "say kwah" D (C-koi in French)

10 GW

2249 WNCQ 102.9 NY Morristown, country mx, ID as
 "102.9 FM WNCQ Morristown-Brookville, 1410 AM WNCQ
 Watertown, Big O Country", relatively new station

11 Tr

2059 WYVW 96.5 NY Malone, country, ID sung out

12 Es

1957 WJWF 88.1 FL Pensacola, L of W Fla Radio
 1959 WJSP 88.1 GA Warm Springs, Peach State P.R.
 2047 WXYZ 95.7 LA New Orleans, rock music
 "New Orleans' Mix 95.7"

FROM PROST (ALBORN), MINN. LOCATION:

MAY 1993 DX

16 Es

2004 CJAY 92.1 AB Calgary, CJ92
 2008 CKUA1 93.7 AB Calgary
 2009 CHFM 95.9 AB Calgary, Light 96
 2015 CBR 102.1 AB Calgary
 2018 CBRF 103.9 AB Calgary

23 Es

1015 KFGI 94.7 TX Luling, Froggy 94 oldies
 1025 KHHT 93.3 TX Killeen, Texas hot k
 (John, it is Killeen with these new calls-gc)
 1030 KEOM 88.5 TX Mesquite
 1034 KSAQ 96.1 TX San Antonio
 1116 KAGG 96.1 TX Madisonville, wx

31 Es

0940 KNPR 89.5 NV Las Vegas
 0942 KBXS 92.7 NV Ely, k, wx (320 watts?)

JUNE 1993 DX

13 Es

1029 KNFM 92.3 TX Midland

18 Tr

2300 KBHL 103.9 MN Osakis

21 Tr

0900 KQSD 91.9 SD Lowry

JULY 4 Tr

1357 KDJS 95.3 MN Wilmer, new

DANIEL OETTING - 600 W SCHLYKILL RD Y-6 - POTTSTOWN, PENNSYLVANIA 19464

Equipment: Harmon Kardon Citation 23 and rabbit ears

FROM EXTON, PA.

April 30: (My 1st child was born yesterday at 0406
 [Congratulations, Dan-gc] and here I am DXing the
 night away!)

Tr

2330 WBSL 97.9 DE Salisbury, ID

2335 WCLL 104.1 NC KJB Devil Hills r

MAY 1993 DX

1 Tr

0800 WNDW 92.5 NC Nege Head, k, ID

18 Tr

Strong Eastern Long Island relogs, 92.1, 95.3, etc

JUNE 1993 DX

12 Es

1234 WAYG 89.1 FL Sarasota, g

1235 WSRX 91.5 FL Fort Myers

1245 WYFO 91.9 FL Lakeland g

1246 WCTQ 92.1 FL Venice, k

1246 Had to leave Es

15 Tr

0605 WYVW 91.1 NJ Dover Township c

0632 WFLM 99.1 MA Plymouth ID talk

0642 WHCN 105.9 CT Hartford, rp

16 Tr/Trs

0959 WVEG 88.3 PA Elizabethtown ID BBC news

1053 WSHH 99.7 PA Pittsburgh ad for McMurray

FROM POTTSTOWN, PENNSYLVANIA

20 GW/Tr

2115 WSPJ 99.7 PA Mount Carmel, ID, rm.

"Spy 99.7" new to the airwaves

2130 WFOR 100.5 NY Rochester rm

21 Tr

0745 WEFX 95.9 CT Norwalk

24 Es

2010 - 2030 lots of S.Florida relogs, 88.9 to 105.9

2014 WRTQ 98.3 FL Goulds, Spanish

2016 WGYL 93.7 FL Vero beach m

25 Es

0915 CBNG 88.7 NF Stephenville, CBC radio

0920 CKOZ 92.3 NF Cornerbrook, rp, Oz-FM

ads for Newfoundland

June 27 Tr

1130 WZMX 93.7 CT Hartford, rm

1135 WKCI 101.3 CT New Haven/Hamden

1137 WFDH 101.5 NY Poughkeepsie

28 GW/Tr

0734 WBHI 97.1 PA Mountaintop Hot 97 ads

June 28 Tr

1307 KPEI 90.1 TX Houston, calls

1310 to 1333, Mobile AL relogs 88.1 to 94.9

1331 WKSM 99.5 FL Ft Walton Beach/Pensacola ad

30 Trs

0030 WGBG 101.7 NY Oswego, r, ID

0050 WBBS 104.7 NY Fulton k, "B 104.7"

JULY 1993 DX

1 Es

1400 KBAU 94.3 LA Galliano, k, ID

1410 WBBN 95.9 MS Taylorsville

1422 WOKK 97.1 MS Meridian

1425 WJMI 99.7 MS Jackson, g

5 Tr

0950 WSPK 104.7 NY Poughkeepsie, r

1032 WJFF 90.5 NY Jeffersonville, c, pledge drive

1105 WGBA 98.7 NY Corning, rm, 98.7 CBA FM

1315 WKFM 104.3 NY Utica, rp

6 Tr

0655 WAMC 90.3 NY Albany c

0715 WXTK 94.9 MA W Yarmouth, t

0720 WRON 103.9 NY Riverhead, rp

0730 WBMW 106.5 CT Ledyard rm

2111 WLZW 98.7 NY Utica, "Light 98.7 WLZW"

7 Tr

1100 CJBC1 95.5 ON Belleville, FF

8 Tr

0002 CFLY 98.3 ON Kingston Canadian oldies

0024 WSGG 90.9 NY Ithaca, c, ID WWSKG 89.3

0104 WSEN 92.1 NY Baldwinsville, oldies

ID with 1050 AM

14 Tr/Trs

1242 CFMK 96.3 ON Kingston k, weather in

Census, "Country FM"

29 Tr

1215 WXXZ 93.9 NY Norwich rm, Central NY ad

Hello DXers! I've moved again. I'm in North Coventry, PA (Pottstown post office). This time I'm about 15 miles north of my previous location of Exton, PA. I'm about 25 miles WNW of Philadelphia. I'm further away from the Roxborough transmission towers. The DX location I'm in is good. I'm on the north slope of a hill facing the town of Pottstown. DX to the south is pretty poor. Picking up Virginia is a rarity now. On the plus side DX to the north is quite good. I've received several Canadian FM's here, some new, in only a month. Some fair amount of FM Es this year, but the openings have been very short lived (a lot of people have been noticing that about this year's openings-gc). What ever happened to all day skip openings? Ocean City MD's WKHI 99.9 is now on 95.9. WWTR gone, 99.9 is now country, WWFG "Froggy" Shamokin PA's Spy 95 (95.3) reappears on 99.7 as "Spy 99.7" and 95.3 is now "Whistle" WSL, with rock

See ya, Dan O

WVTR FM 92

NORTHERN FM DX

SEPTEMBER 1993

FRANK MERRILL - P.O. BOX 669 - MACOMB, ILLINOIS 61455

Equipment: same as usual

DECEMBER 1992 DX

1 Tr
0907 WMQT 107.5 M. shpeming 450
0930 WPEF 90.5 M Sturgeon Bay
over WNL,wx, program announcements 330
0947 WIMK 93.1 M Iron Mountain 400
13 Tr
1802 KKTZ 107.5 AR Mountain Home 360
2323 KLRB 98.5 AR Little Rock 420
poor Tr on FM, but "raging" on JMF

JIM RENFREW - 61 WILCOX ST. - ROCHESTER, NEW YORK 14607-3832

(716) 461-2717 (h) (716) 494-1847 (Tu/Th) JVC auto radio all times EDT Distances are from Fred

JUNE 1993 DX

10 GW and Tr

1100 WBTF 101.7 NY Attica new calls not noted
just non IDs. (There was a mistake, Jim, Attica
is still WBTF WJER is in Dover, Ohio-gc,
1115 {WBBS;104.7 NY Fulton, new k format, and
many non IDs
1120 {WKFM;104.3 NY Ulica, lots of non-unids
(Jim note they have finally gotten their new calls-gc)
1130 WBBG; 93.3 OH Youngstown, probably the
one with brief ad for Ohio Edison
11 Ea (MUF 101.2 possibly 104.2
1116 KEBC 94.7 OK Oklahoma City, lots of
IDs, country, and local ads 1116
1124 KLAQ 97.5 OK Durant, ads for ShermanTX
local weather report, verified 1196
1140 KYKQ 100.1 OK Byng, Id. ads for Ada (BY
says this one is a CP) (I verified them from this
opening, Jim they say they are brand new-gc) 1178
1151 KTXR 100.1 OK Poca City popped in over
KYKC with temperature "In Poca City" 1125
1214 KEBC 94.7 OK Oklahoma City, again 1116
1233 KSEC 93.3 CO Lamar, strong for 25 min.
with many KLMR/KSEB/KC93 IDs, local ads
New STATE #261 No other Es at this time
Verified (damn I knew I should have written
them I heard them at the same time! gc) 1359
June 15 TrS & Ea (MUF 91.9)

0927 WJCH 91.9 IL Joliet, presumed to be this
with Family Radio / WFRW brief burst 548

94.3
wdif

FEBRUARY 1993 DX

7 Tr/GW

0200 WYDS 93.1 IL Decatur, D93,k,regal 100
MARCH 1993 DX
26 Tr
1939 KWNG 105.9 MN Red Wing, K-wing 310
27 Tr
2250 WOJB 88.9 WI Hayward, end of
program, calls, 800-776-2689, that
had been my most wanted FM 370
THIS IS IT, up to the end of MAY!

JULY 1993 DX

1 Ea (MUF 107.3)

1323 WPCV 97.5 FL Winterhaven, ten above
with country previously logged 1070
1329 WYFO 91.9 FL Lakeland same prayer
requests as 615, IDed as WYFO at 1359, with
gospel music QRM 1071
1331 WWRM 107.3 FL St Petersburg, Warm 107
with continuous relaxing favorites 1099
1334 WMNF 88.5 FL Tampa Cuban jazz and
mention of Tampa Stadium 1084
1334 WSOR 90.9 FL Naples with religion 1199
1335 WMCU 89.7 FL Miami talk about Epcot
Center, then "WMCU your radio" with WITR
off at the time, Ea drops below channel 6 1209
1405 WDDQ 92.1 GA Adel, Tourist tape
loop, Exu: 10, locals ads ID 889
1408 WMLQ 104.9 FL Havana Weather for
Tallahassee, N. FL and S GA, Meadow 105 943
1410 WTLF 106.3 GA Boston ad for John McGee
Auto in Thomasville, popped in w/CJBC 919
1412 WGWG 93.3 FL Gretna, ad with
Quincy address fighting through WWSE 942
1416 WJAD 97.3 GA Bainbridge, mention of
Albany minor league BB, poor w/WYXL 929

JULY 1993 DX

2 TrS

1308 CBF9 91.9 PQ Mont Laurier parade
to CJBC 860 AM Toronto 257
1323 WKMZ 97.5 WV Martinsville, blew in over
WCZ with ad for Berryville, VA. Is this WQBE
now? (No. WQBE is in Charleston, WV on 97.5!
Are those the calls you heard! gc) 255
1338 CITE 107.3 PQ Montreal probably this
one with French announcer for a most a minute
in over WRCK 258
I hit a golf ball to the exact same spot from two different
tees today and then all my TrS reception were less than
three miles apart. Maybe I should have played the irony
today? (Jim if that happens buy one fore each of us, hi)
6 Ea
1247 WQUE 93.3 LA New Orleans, ads all
1251 {KLEB;94.3 LA Galliano, catfish festival
Terrebonne Health Center 94 Country non ID

NORTHERN FM DX

SEPTEMBER 1993

STATION NEWS: In West Palm Beach, Fla.
92.1 is now WRLX. They use the slogan 'Relax
92.1'. In San Angelo 92.9 is now KDCD. They
are CD country also, presumably the satellite
service. WNCQ 102.9 Morristown, NY (near
Brockville, Ontario, in the 'North Country'
region of NY) is on the air with country. They
relay 1410 AM WNCQ in Watertown. 'They are
Big Q Country', just like the old WNCQ 97.5
Watertown but probably with a lot less coverage
than that 100kw station, hi. WMHR 102.9 in
Syracuse, a religious station, now has a
translator on 88.7 in Dansville, N.Y. KDJS
95.3 in Wilmer Minnesota is now on the air. In
Connecticut, testing has been heard on 103.3
that is quite likely the new Sharon, CT testing.
So look for that one to come on shortly. A
widely heard change this season is 91.5
Ft. Myers, now WJYO 'Joy FM', and running
parallel to WJIS 88.1 Bradenton another widely
heard station. I don't know if they are always
parallel though. In that same neck of the
woods, WCMQ 92.3 Hialeah and WZMQ 103.9
Key Largo are no longer simulcasting, they
have separate programming now. KZEB 95.5
Pleasant Hope, Missouri is on the air with
classic hits for Springfield. Slogans of 'B95'
and 'The B' have been heard. 104.5 in
Indianapolis has indeed received its new calls
of WGRL. They are now country and 'The
Bear'. Detroit's 99.5 is now WYCD, to go along
with it's 'Young Country' format. CHYR 96.7
Leamington was heard on the air, with country
WRED Gibsonburg Toledo is now using the
slogan 'Toledo's Hit Country Y 95.7'. Still
WRED though. WRVC 93.7 Ashland, KY has
gone oldies. WBVI 96.7 Fostoria Ohio is now
using the slogan 'Mellow Mix 96.7'. Decatur
IN has moved from 92.7 to 105.1. They are now
WQHK-FM, 'K105' and country music, serving
Pt. Wayne. Two other recent additions to that
market are WGL FM 94.1 Roanoke, IN (talk)
and WFWI 92.3 Ft. Wayne (a/c). 104.9 in
Muncie is now WERK FM and oldies which
sounded satellite fed. Nearby WAXT 96.7
Alexandria is using the slogan 'The Frog' and
is country. WJAA 96.3 Austin/Sevmour, Ind
is on with classic rock WKMO 106.3
Hodgenville Ky, was heard using the slogan
'KMO country'. WASE 105.5 Ft. Knox Ky is
'Oldies 105.5'. WHIC 94.3 Hardinsburg, Ky. is
now 50Kw according to a billboard and they
do get out well. They are country and use the
slogan 'Power 94.3'. WMQQ 102.7 Springfield
Ky was heard using the slogan Q-102.7 and
was playing oldies. WKYR Burkesville, KY is
now 107.9, and country. They don't say much
though lots of dead segues! WKNK 99.1

Edmonton, Ky is on, with a slogan of 'Kickin
Country 99.1' heard. WCKQ 104.1
Campbellsville, KY is on the air: 'Q104 Central
Kentucky's best music mix', and a/c not to be
confused with 'Q105, Central KY's best music
mix', which is WWWQ Glasgow 105.3, and top
40. KGMQ 100.7 Cape Girardeau is 'Oldies
100'. WRTB 106.5 Washington, Ind. was
heard using 'Bullet 106.5'. They were 'Real
Country', satellite delivered I believe. KFPB
106.1 Fairfield Bay, Ark. is on the air. They had
what sounded like traditional or gospel country
music, but it was a Sunday morning, so that
may not be their regular format. WHHM 107.7
Henderson/Jackson, Tenn. is on with country
93.9 in Selmer, Tenn. was also on the air
WNBE 93.1 Alamo-Jackson, Tn. was running
religion, and was 'Good News 93' so I assume
that is their regular format. Millington, Tenn.
calls are now WYKL (98.1). They are 'Cool 98'
and are oldies serving Memphis KHLS 96.3 in
Blytheville, Ark. is using the slogan '96
Country'. KJBR 101.9 Jonesboro, Ark. is still
those calls, but is now '101.9 Kiss FM' and an
adult based CHR or hot a/c. In Northeast
Arkansas, a 'Kickin' 107' was heard on 106.7,
so perhaps Truman, Arkansas is on the air
KWYN 92.5 Wynne Ark. was heard playing
oldies. WRNZ 105.1 Lancaster, Ky IDed with
Harrodsburg and is oldies. WKYL 102.1
Lawrenceburg, Ky is on the air with an a/c
format, no non-ID. This is in the Lexington-
Frankfort area. WQTL 106.3 Ottawa, Ohio is
using 'Classic Hits 106'. WDOH 107.1 Delphos,
Ohio is country and 'Winning 107'. WBNI
107.1 Booneville, Ind. is adult standards and
nostalgia, and in mono. WDHM 97.9 Salem,
Ind. is on with mono religion. WEHR 105.1
Shepherdsville is on, with an upbeat a/c format
'hits without the hype' 106.1 Newburgh, Ind
(Evansville) is now WJPS FM and oldies. 99.9
Kettering Dayton is no longer WVUD, now
they are WLQT, Lite 100. WPKO Bellefontaine,
Ohio used the slogan 'Lite Mix 98.3'. 93.1
Lima is 'Froggy 93' and satellite country. Calls
sounded like WMRY or something, they were
said too fast! 103.3 WFFF Indianapolis is no
longer the Fox, now 'The X', and still hard
rock. WKKO 99.9 Toledo is now simulcasting
with WTOP AM. 103.9 in Louisville, Ky. is now
WHKW 'The Hawk' and SMN Hot Country
WTFX 100.5 Louisville is on the air as 'The
Fox', and album rock. Note the calls on 95.1
Glasgow, Ky are WGOC, not WPRX. 103.7
WBLN Murray, KY used 'The Blend B103'.
Thanks Matt Sittel, George Greene Bruce
Hall Saul Chernos Dave Nieman Tim Noonan,
Jeff Falconer, Doug Smith Morris Sorensen,
John Ebeling, Bill Nienajady, and Mike Buzza!

NORTHERN FM DX

SEPTEMBER 1993

STATION NEWS: 98.9 in the Austin, TX area (Lampassas) has changed from oldies to a Z-Rock affiliate. Its new calls are KUTZ. KDST 99.3 in Dversville, Iowa is SMN Real Country. In San Antonio, KSMG 105.3 Segun goes to adult contemporary. In New York City, WYNY 103.5 is remaining with its country format but it has a new slogan. "Y 103.5 today's country hits". WCSE 97.5 in Bridgeman, Michigan is on the air with as and 'Cosy 97.5'. In Virginia, WSVS 104.7 Crewe changes call letters to WKIK FM. They remain country but now are trying more to get into the Richmond market. Their new slogan is 'The Bear'. Another slogan change this time in South Florida, as 106.7 Ft. Lauderdale becomes 'Tropics 106.7'. New calls are WTPX, and the format is soft adult contemporary. 94.3 in Lawtown, Okla. is KQLI no more, the are now KZCD, and 'CD country', joining that satellite country service. In Buoni, Miss., 96.7 now has the calls WXRQ. They are classic rock and have the slogan 'Rock 96.7'. WFSP 107.7 in Kingwood, West Virginia is on the air now, with a "Sunny 107.7" slogan, and is WBZW in Loudonville, Ohio same frequency switched to a/c a short time ago after being new age jazz since their sign on. Well now they have changed again: to oldies and 'Oldies 107'. WQZS 93.3 in Myersdale PA is new to the air. They are album rock and use the slogan 'QZ93'. CBC has been testing on the air on 94.3 for its new English mono service. Conflicting reports have the city of bcense either Huntsville or Rosseau, although those two cities are not that far apart. This ties

in with more changes that are targeted to take place on September 1st. CBCO 105.9 Onilia is to move to 91.5. 105.9 will be taken over by CFOR which is currently on AM 1570. It is not clear whether they will just use CBC's old equipment or a higher powered setup. Due to the increased coverage with the 91.5, and the 94.3, CBCM 107.5 in Midland/Penitangushene is expected to be shut down. WJLF 91.7 in Gainesville, Fla. is on the air with religion in stereo, and 'Love 91'. Somewhat of a shakeup in Central Pennsylvania, as the WSPI calls previously on 95.3 Shamokm now have shown up on 99.7 Mount Carmel (previously silent). Shamokm now has the calls WISL. Germantown, Tenn.'s 94.3 has moved to 94.1, and upgraded to serve Memphis. New calls are WOGY, with a 'Froggy' slogan and country music format. Do not confuse this with the Ripley, TN CP shown in the FM Atlas. I am not sure about the status of that CP, but I would speculate, being so close to Germantown, that they better go find a new frequency! WCMW 94.7 Gulliver Michigan is also new to the air. They play country music, and their calls stand for 'Country Music Machine'. 102.3 Big Rapids MI now has the calls WPSX (same as ch3 Clearfield, PA?). They are oldies, with the slogan 'Power 102.3 FM'. Another station noted new to the air is 104.5 Saginaw, Mich. Calls are listed as WUVE FM. They were heard running parallel to WBTZ 100.9 Piconning, Michigan, which I believe is hard album rock? Slogan last I heard was 'The Blitz'.

GREG CONIGLIO - 5100 GLENWOOD DRIVE - WILLAMSVILLE, NEW YORK 14221

Equipment: Pioneer TX9100 tuner and/or Carver TX-11 tuner. Stereo Probe 9 FM antenna @ ~ 25 AGU, 9 element Jerrard used with 2 capacitor in a box system, along with rabbit ears, for phasing purposes, CAC-11 and RG6 coax, Archerator

JULY 1993 DX

6 Es

1200 KCFR 90.1 CO Denver, c/s, legal ID 1389
1203 KBPI 105.9 CO Denver, legal ID, album r/s 1384
1206 KIJN 92.3 TX Farwell, wx, calls, g/s 1417
1209 KQIZ 93.1 TX Amarillo, All Hit 293 1344
1215 KMM. 98.7 TX Amarillo, calls, country 1351
1216 KSID 98.7 NE Sidney, m/s, same muffled audio as in 1991, Cheyenne Co. mentions 1258
1219 KTCL 93.3 CO Fort Collins, modern rock 1370
1220 KEYE 95.9 TX Perryton, legal ID? Each time I have heard them they have given a legal ID 1261
1226 KUAD 99.1 CO Windsor, country/s, K99 1349
1230 KKBK 92.7 OK Guymon, local ads ph/CJ/BX 1288
1234 KEEX 106.7 KS Hugoton, "America's best Mx" and country format change for them 1263
1241 WKDD 96.5 OH Akron, in strong, rarely heard of WQMF & WQOK perhaps this is backscatter? 191

July 6 Es continued

1250 WMXZ 95.7 LA New Orleans, Mix 95.7 1098
1255 KBLU 92.1 CO La Junta, SE CO wx, calls 1352
1500 KWWY 95.7 MO Mexico, Country 96, \$ 737
1501 KOEZ 92.3 KS Newton, calls, b/s 1037
1502 KOSU 91.7 OK Stillwater ID, hi Danny 1091
1501 KCMR 92.1 OK Broken Arrow, legal ID boy that was a productive minute there! 1036
1503 KXLS 99.7 OK Alva, weather 4cast 1125
1505 KZEB 95.5 MO Pleasant Hope, new station on for Springfield market, classic hits, 'The B' 858
1510 KGLI 85.5 IA Sioux City, KG95, top 40/s, how'd this one get in here?? in for awhile too 899
1511 KBNJ 90.7 KS Wichita, gr/s, calls, ex. KZZD 1041
1512 KEYN 103.7 KS Wichita, Oldies 104 KEYN \$ 1048
1512 KCOM 94.9 MO Kansas City, c/s, ph/CJ/GE 870
1521 KNEN 94.7 NE Norfolk, ads 965
1524 KJCK 94.5 KS Junction City, Power 94.5, ads wx, r/s, over phased 100kW local WNEO rare 985

NORTHERN FM DX

GREG CONIGLIO'S REPORT continues

SEPTEMBER 1993

JULY 1993 DX

6 Es cont.

1534 KJLS 92.7 KS Minneapolis, new to air, many Saina area ads, verified them 1026
1545 KMZA 92.1 KS Seneca, "Kansaland Radio" and nearby ads this must be new to the air 927
1546 KREP 92.1 KS Belleville, local ads incl. 150th celebration for town of Cuba, mixing w/KMZA 1006
1640 KCGM 95.7 MT Scooby calls heard, same rousy audio that heard way back in 1988! 1335
OHNO, have to leave for work! Able to DX in car, plus left tape running on 92.1
1645 KGGG 100.3 SD Rapid City Hit 100 FM 1228
KKMK 93.9 SD Rapid City, avc music 1227
to KSQY 95.1 SD Deadwood, AOR 1255
CIT 92.1 MB Winnipeg, 92 Cto FM, strong! 1000
CBWV 97.9 MB Brandon, CBC mono EE 1118
KPSD 97.1 SD Faith, S.D.P.R. 1175
1700 KQSD 91.9 SD Lowry, S.D.P.R. 1064
KJQE 92.1 MN Madison, on tape 881

7 Tr

2120 WQLN 91.3 NY Clean, finally! # WBFO 88.7 local WBNY Buffalo off, but WQLN Erie is major pest 87

8 Es

0940 WAFX 95.1 AL Prattville, The Fox 839
0943 WQUE 93.3 LA New Orleans, Q93 traffic 1097
0944 (KLEB) 94.3 LA Galliano, 94 Cntry, ex KBAL 1132
0950 WHER 103.7 MS Hattiesburg, Eagle 103, k/s 876
0954 WLSB 97.9 MS Wiggins, k/s, JS98 1018
0957 WPAP 92.5 F. Panama City k/s 942
0958 WSLN 104.9 AL York, believe it's them simulcasting WALT 910 Meridian, 'T91' on this freq. 896
0957 KCIL 107.5 LA Houma, C107 news 1148
1003 WCKW 92.3 LA Laplace, Stevens & Puett 1119
1030 WMXZ 95.7 LA New Orleans, ES PESTI 1098

First of all a big thanks to Doug Smith and Tom Bryant for hosting a wonderful convention! I was very well done a feat that must be more difficult than it appears! enjoyed the location (beautiful downtown view surprising DXability for that spot too, the Saturday evening banquet, and meeting everybody think the total was in the upper 30s. the most I have ever seen at a WTFDA convention. And of course a big thanks to Doug and Tom for ordering that super Sunday morning tropo, that really hit the spot, hi. I was quite shocking to turn on Matt Sittel's car radio only to hear KEGL 97.1 (Fort Worth, TX) blasting in! And KCWS 102.7 Merke-Abilene TX later that morning, and channel 60 San Antonio??!! Very nice! I am looking forward to attending next year's show, wherever it may be. Thanks again! I am really glad to have been there to witness that tropo, because there has been nothing at all tropowise here since mid June! Even typical summer morning enhancement to Toledo Detroit, Cleveland Syracuse/Utica, etc. has been way off! The narrow Owensboro-Evansville duct on July 21 (Thank you WJYE 96.1 for being off! Suspect it was for instanstion of new W69CS Buffalo, a Jukebox station, on their Rand Building Tower) although being very nice, was the only thing of note at all! The weather has been conducive to tropo too-we had one stagnant period that lasted over a week with no fronts or rain, just hot sticky weather (lower 90s/upper 80s, high humidity) Perfect trop weather but nothing at all. On the other hand May and June were cooler and rainier and less stable, but more tropo?? Skipwise, July was decent though the latter half really slacked off, as it often does. In early August there remains signs that the season is not over yet. Overall for me a decent skip year many openings, and some of very good signal strength, but not very long lived. They would really get going and then not long afterward, just flizzle out. I see other reports of strange reception on the day of my June 18th Mexico double hop, and that is just hours before KATU-2 was seen in Japan (reported to us in Mike Cherry's August WTVDX report)! Thanks Matt Sittel, Dave Nieman, Saul Chernos, dBruce Hall and Richard Contone for sending in logs!

73 JRE

July 12 Es

2104 KDOM 94.3 MN Windom, ads 828
21 Tr with Buffalo 93.7 96.1-106.5 off
0047 [WBCT] 93.7 MI Grand Rapids, k/s, B93, Barry Co fair ment, weak but consistent, ex WJFM 348
0053 W-HNN 96.1 MI Bay City strong, Oldies 96 255
0106 WSTQ 96.1 KY Owensboro, T408, 96-STQ, ID w/Evansville, Herderson, ooh! a nice duct with a local off the air! Visited them on way back from WTFDA in Nashville, a friendly station local 572
0145 WYNG 105.3 N Evansville, calls, k/s 582
0152 WSHW 99.7 N Frankfort, Shine 98 436
Nothing else unusual in at all! Believe me, I checked!

22 Tr

0024 WLEV 96.1 PA Easton, a/c, calls 235
Same stuff as right before, minus the KY/PA, hi. Also on 93.7 was WOIO Mt Vernon, OH. WBZZ Pittsburgh, WOLS Dallas Pa., and WSTW Wilmington, Del. On 96.1 also CBCN North Bay, WFRG Rome/Utica, WVTY Pittsburgh. On 106.5 heard WHLM Blomberg, PA and WLTF Cleveland
1800 CB- 84.3 ON Huntsville/Rosseau, new CBC English Mono network on the air # 740 AM 16530 Es

1900 WCVV 95.5 FL Ft. Pierce, fake legal ID 1098
WLRQ 99.3 FL Cocoa, Marlins BB game 1022

1928 WCTQ 92.1 FL Venice, C92, k/s 1116
AUGUST 1993 DX

4 Es

1459 KERA 90.1 TX Dallas, local wx/s 1224

4 Tr

2250 CHYR 96.7 ON Learnington, noted on with country over ph/CHYM. Calls heard 210

IDAHO'S
MAGIC 93.1
KZMG FM

VHF/UHF UTILITY DX

WEATHER AIR MARINE PSB

BILL NEPBURN 75 LOCKWOOD RD - BRAMPTON ON - L6Y 4T7

Deadline for Nov column Oct 10

This month plerly of DX loggings PSB from the former Soviet Union And AIR band DX tips!

But first.. DX reports..

LOGGINGS

HANK HOLBROOK - 407 ARUNDEL RD FAIR HAVEN CLIFFS - DUNKIRK MD - 20754

Rcvr: Sony AIR-8 Ant: ANI 8 whip

+ = initial EQ on 156.8

MAY 1993 (EDT)

1 TR 0635 KRMJ 156.4 + NJ New Jersey Coast 180 SKIP SealandQuality
(50 mi S of Ambrose Lt NY)

(see note # 1)

JUNE 1993

14 TR 0720 NMY-15	157.1	+ CT NEW HAVEN	295 JSCG Long Isld Snd
0812 NMY-42	157.1	+ NY MORICHES	260 USCG
0832 NMF 2	157.1	+ MA WOODS HOLE	370 JSCG
0835 N -	157.1	+ PA PHILADELPHIA	110 USCG
0836 NMY-52	156.8	NJ HIGHLANDS	185 USCG Sandy Hook
25 TR NMY-25	156.8	NY FIRE ISLAND	230 JSCG
WHU-710	156.8	NJ Central N.J.	COAST Sea Tow

JULY 1993

7 TR NMN 80 157.1 + VA HAMPTON ROADS 105 USCG

Note # 1 Most distant ship on VHF. Type of vessel Container. 25 watts

Good DX with fair to good signals. Powers generally 50 to 65 watts. JSCG Philadelphia was strong. It's heard often at 1235 UTC. Sea Tow was calling a ship in distress

** NEW REPORTER **

BILL NIENAJADLY KF2OK PO BOX 2999 CLIFTON NJ - 07015

Rcvr (Home) PRO-37 w/whip. (Work) Cobra SR-900 w/whip.

Recent ES on scanner was 42.12 Jefferson Co MD (MD State Pol ?). In fact, 42.12 is the #2 most rcvd here..over 15-20 times this season alone. 33.94 is #1 with being heard 20+ times this season. Sorry about the lack of call letters, I think 33.94 is FL. (Some FL Fire Depts are listed on 33.84 BH) Other freqs are 42.14 42.16, 33.70 + about 25 others

I've found the scanner a valuable "E Skip Detector". At times at work I've found that when you start hearing 33.94, then 1/2 hr later 42.12, check the FM band; or better yet when you start hearing the lower powered police cars along with the base station, you know it's on FM or it should be (Or at least TV, BH)

About NWS, my local is KWC-35 162.55 & its relay 162.475 is heard weekly (normally) from RIVERHEAD NY. I will get 162.475 from KINGSTON NY occasionally though. 162.40 from ATLANTIC CITY NJ (106 mi) is a common trap station.

6000XING, B.11 N

(Thanks for the intro to your Scanner DX setup Bill. On days when skip is slow (i.e. not reaching IV or FM), you may want to jot down some of your loggings & send them in. Troops would be interesting too. I may be able to help out with most of the call letters. I'm looking forward to seeing your future DX reports!, BH)

** ANOTHER NEW REPORTER **

M.P. McQUEARY 1901 RD B REDWOOD VALLEY CA 95470

Rcvr: Realistic PRO-43 w/whip.

LOCAL RECEPTION IN UKRAINE & RUSSIA.

MARCH/APRIL 1993

UKRAINE

34.05	NFM	UKR KIEV	Unid
41.4	NFM	UKR UMAN	POL Soviet Police
49.875	AM	UKR UMAN	CPM Toy Walkie-Talkies
126.8	AM	UKR KIEV	AWOS Kiev Airport
132.6	AM	UKR UMAN	AIR Uman Military Airport
149.90	NFM	UKR KIEV	MOBL Cellular Telephone Rptr
153.10	NFM	UKR KIEV	MANUF Factory
156.625	NFM	UKR DDESSA wenty	SKIP
168.075	AM	UKR KIEV	TRANSIT Kiev Subway
460.0175	NFM	UKR UMAN	MIL Army Telephone

RUSSIA

118.8 AM RUS MOSCOW AIR Moscow ATC

Perhaps I am the first person to sneak a scanner into the (former) U.S.S.R. I do have to admit, I was nervous and worried about passing through customs.

While on my way to Kiev out of Newark, I met an agent from Copenhagen who worked for Hershey Chocolate Inc. I asked him if they had UHF/UHF receivers in his country. He told me that they do. I then explained to him I was attempting to sneak a Police Scanner into the former "USSR". The gentleman quickly gave me some good advice. "Tell them, it's your portable cellular. They may take it if they don't believe you, or they might make you pay a duty. I would try to convince the officer that it is a cellular".

The plane landed in Kiev. I started to sweat. I didn't know what to expect. What would they do? Drag me off into a back room and interrogate me? Or would they confiscate my beloved PRO 43? To my surprise, they said nothing and asked nothing. The customs department simply X-rayed my luggage, and asked me if I had any gold or weapons. After my short conversation with the officer, I entered the C I S with my scanner and all.

"Quite an adventure, Albert! You must have been sweating buckets! By the way from your description of what you heard on 41.4 MHz (break & enter, robbery, etc.) this would sound more like the local police rather than the "Soviet Police", which, I assume, no longer exist

Interesting stuff! BH)

UHF/UHF UTILITY DX

BRIAN WEBB - 3329 SILVER SPUR CT - THOUSAND OAKS CA - 91360-1041
805-492-4263

Rcvr: Realistic PRO-2006 & PRO-2024
Ant: 30 MHz h-dipole & 35 MHz sloping dipole

FEBRUARY 1993 (PST)

27 F2 0957 KCB-979 33.90 CT NORWICH 2560 FIRE

MARCH 1993

1 F2 1229 KGB-313	33.38	PA W BROWNSVILLE	2162 PETRO Columbia Gas
4 F2 1008 KCB-460	37.58	NH CONCORD	2590 UTE ConcordElectric
8 F2 1037 KII-787	44.22	FL MIAMI	2356 TRANSPI Commercial
15 F2 1203 Lone Wolf	32.40	USA ?	MIL Army
25 F2 1020 Force Ctl	30.40	USA ?	MIL
		(aka EnForce ment Ctl)	
29 F2 1025 KPE-333	35.50	MD or VA	PAG
30 F2 1142 SnakeBite	45.30	USA ?	MIL

JUNE 1993 (PDT)

8 ES 0952 KPA-355	35.24	TX NEW BRAUNFELS or SAN ANTONIO	PAG American Mobph
9 ES 0852 KNDY-674	33.30	NE KEARTWELL	1186 PETRO Natural Gas
1042 KKL-869	49.58	TX SAN ANGELO	1081 IND Pool Company
24 ES 1051 KKO-558	33.30	OK GRAY	1025 PETRO Natural Gas

JULY 1993

4 ES 1303 ?	44.80	NM SANTA FE	730 CONSRV NM Fish/Game
		(calls KNAS-415 or KUE-717)	

WILLIAM R HEPBURN - 35 LOCKWOOD RD - BRAMPTON ON - L6Y 4T7 (EDT)

Rcvr: Realistic PRO-2004
Ant: v-dipole in attic

MAY 1993

8 GW XMJ-330	162.55	ON KITCHENER-WATERLOO	33 WX Xmtr @ Cambridge
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JULY 1993

7 TR 0733 CYQG	134.5	ON WINDSOR	188 ATIS
0752 XMJ-838	162.475	ON WINDSOR	193 WX
18 TR 0747 XLN-600	162.40	ON MOUNT FOREST	57 WX Xmtr @ Kenilworth
			(// XMJ-330 162.55)

TIPS FOR AVIATION BAND DXING

The UHF & JHF Aeronautical Bands present an especially challenging & unique form of DX for a number of reasons. Many DXers are disappointed in first attempts at DXing this band -- when some stations only 20 or 30 miles away may be difficult to receive. However, good DX can be had -- but you have to work hard at it.

If you think of how this band is used -- the reason behind all this becomes quite clear. The primary users, of course, are aircraft usually flying at 5,100, all the way up to 40000 ft. Now at 40000 ft., line of sight extends out to 265 miles! In order to serve a 40-100 mile radius of an airport, aeronautical ground stations require very little power. Most stations use only between 5 and 25 watts -- with 100 watts used by many of the longer-range enroute Navigation Aids with weather broadcasts.

UHF/UHF UTILITY DX

This month we have news on numerous new Weather broadcast stations that have recently hit the airwaves -- most of them AWOS stations (Automated Weather Observation Stations). More and more of these computer-accented robot stations are being installed at smaller airports everywhere. Expect to see some of these stations to start up in Canada in the next couple of years as well.

WEATHER RADIO

NEW STATIONS

XMJ-330 162.55	ON KITCHENER/WATERLOO (now on air!)
XLN-600 162.40	ON MOUNT FOREST (KENILWORTH) (// XMJ-330 Kitchener)

MARINE

NEW STATIONS

162.40 BC NODIKA	(CMB // VAE 161.65 Tofino)
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CHANGES

XLK-895 162.475	BC NADEN HARBOUR (CMB, UAJ Prince Rupert, ex-162.40)
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AERONAUTICAL (AM mode)

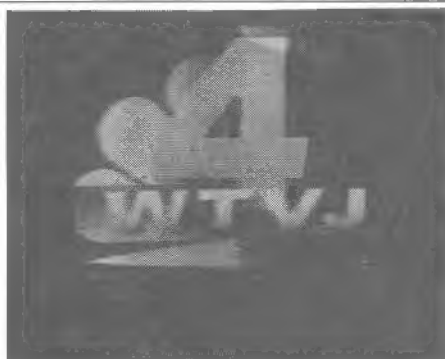
NEW STATIONS			
PAMHM	135.55	AK MINCHUMINA - AWOS	KSLC
KHII	119.025	AZ LAKE HAVASU CITY - AWOS	KPBH
		(// HII 364 kHz)	
KCEC	133.875	CA CRESCENT CITY - AWOS	
KAPF	134.225	FL NAPLES - ATIS	
PHSF	142.95	HI CAMP POHAKULA - BRADSHAW ATIS	
PHNL	279.4	HI HONOLULU - ATIS (//127.9)	
KDNV	119.275	IL DANVILLE - AWOS	
KIH2	118.375	IL EFFINGHAM - AWOS	
KAXA	125.525	IA ALGONA - AWOS	
KAI0	127.825	IA ATLANTIC - AWOS	
KADU	125.525	IA ALGONA - AWOS	
KCIN	119.775	IA CARROLL - AWOS	
KCNC	125.525	IA CHARITON - AWOS	
KCCY	125.525	IA CHARLES CITY - AWOS	
KICL	132.025	IA CLARINDA - AWOS	
KCBF	126.575	IA COUNCIL BLUFFS - AWOS	
KDEH	120.925	IA DECORAH - AWOS	
KFFL	132.025	IA FAIRFIELD - AWOS	
KK27	120.925	IA FORT MADISON - AWOS	
KEOK	118.375	IA KEOKUK - AWOS	
KOKV	119.775	IA KNOXVILLE - AWOS	
KLRJ	125.525	IA LE MARS - AWOS	
KOLZ	119.675	IA OELWEIN - AWOS	
KORC	127.825	IA ORANGE CITY - AWOS	
KROK	119.775	IA RED OAK - AWOS	
KSHL	119.775	IA SHELTON - AWOS	
KSLB	125.575	IA STORM LAKE - AWOS	
KAWG	127.825	IA WASHINGTON - AWOS	
KEBS	127.825	IA WEBSTER CITY - AWOS	
KI26	128.175	KY HENDERSON - AWOS	
KHYC	132.575	KY HOPKINSVILLE - AWOS	
KFDK	124.875	MD FREDERICK - AWOS	
KMSP	272.75	MN MINNEAPOLIS/ST PAUL - ATIS	
		(// 120.8, 135.35)	
K4SD	135.175	NV REMO - STEAD AWOS	
KSWP	127.875	ND WAHPETON - AWOS	
KAXV	128.325	OH WAPAKONETA - AWOS	
KPWA	132.75	OK OKLAHOMA CITY - WILEY POST ATIS	
KOK78	134.175	OK WATONGA - AWOS	
KWWR	118.425	OK WOODWARD - AWOS	
KQAS	135.675	TN ELIZABETHTOWN - AWOS	
KFYM	135.275	TN FAYETTEVILLE - AWOS	
KLUG	135.775	TN LEWISBURG - AWOS	
			CHANGES
			KGAD
			127.825
			AL GADSDEN - AWOS back in service
			PAVD
			118.8
			AK VALDEZ - AWOS out of service UFN
			KFLP
			132.075
			AR FLIPPIN - AWOS (ex-132.175)
			BSY
			117.1
			FL BISCAYNE BAY - VOR out of service
			UFN
			(MIAMI ATIS deleted, still on
			119.15
			KAPF
			135.425
			FL NAPLES - AWOS back in service
			PHNL
			127.9
			HI HONOLULU - ATIS - delete 132.2
			SWL
			112.4
			MD SNOW HILL - VOR
			- delete NEW YORK Enroute-ATIS
			ACK
			116.2
			MA NANTUCKET - VOR
			- delete NEW YORK Enroute-ATIS
			KESC
			128.575
			MI ESCANABA - AWOS (ex-132.175)
			KBJI
			119.275
			MN BEMIDJI - AWOS (ex-121.375)
			FST
			115.7
			MN FARMINGTON - VOR/AWOS
			(LAKEVILLE AWOS added)
			KJHW
			118.425
			NY JAMESTOWN - AWOS
			(ex-118.175)
			PWA
			113.4
			OK OKLAHOMA CITY - VOR
			- delete WILEY POST ATIS
			KLBE
			118.375
			PA LATROBE - ATIS/AWOS
			(ex-AWOS only)
			(ATIS while tower open, AWOS when tower closed, WH)
			PSB
			115.5
			PA PHILIPSBURG - VOR
			- delete NEW YORK Enroute-ATIS
			BKX
			108.8
			SD BROOKINGS - VOR/AWOS
			(AWOS back in service)
			LEM
			111.4
			SD LEMMON - VOR out of service UFN
			RND
			112.3
			TX UNIVERSAL CITY - VOR/ATIS
			(RANDOLPH ATIS
			added - on irregular basis only for student training //
			271.8)
			KVJI
			128.125
			VA AVINGDON - AWOS (ex-127.725)
			DELETIONS
			HYA
			114.7
			MA HYANNIS - VOR
			CYTS
			125.4
			ON TIMMINS - ATIS (never on air?)

Robert Delaney (KA9UVY) - Mt. Vernon Illinois. Equipment: 1990 Zenith 13" color SS 1311W, Emerson 885 VCR. Antennas, UHF Archer U120 at 87' AGL with RDX Labs UA 900 preamp and RG-11 coax; VHF rotateable vertical dipole at 25' AGL for E-skip and Channel Master 3000 at 55' AGL. Camera, Pentax K1000 loaded with Kodak Gold Plus 200 ASA film.

WXXV-25
Gulfport Mississippi
550 mile tropo
seen September
12, 1992
at 0523 CST



WTVJ-4
Miami Florida
1007 mile E-skip
seen May 13, 1993
at 2000 CST



Thanks for
the photos
Robert.

REPORTER

Richard
Contone -
Jamaica
New York

Equipment:
VHF-UHF
combo
antenna
and Vivitar
DL-50
camera.

WPVI-6
Philadelphia
Pennsylvania
77 mile tropo
seen June
12, 1993
at 2230 EDT



Richard Contone's photo file continued...

WBOC-16
Salisbury
Maryland

170 mile tropo
seen June 12, 1993
at 2230 EDT

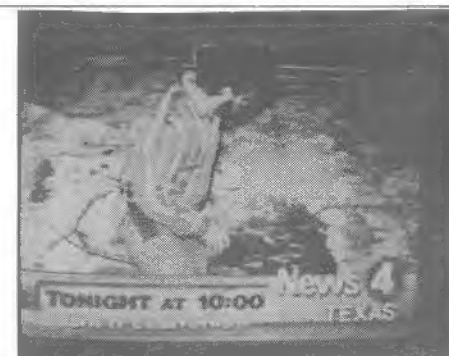


Rich thanks for the photos; if you can change your cameras shutter speed to 1/30th of a second it should eliminate the black bar in your photos.

Rocky Robello-Pocatello Idaho. Equipment: RCA 35" color TV, Goldstar Hi-Fi VHS VCR, Radio Shack VU-90 antenna up 20 feet with rotator. Samsung AF Sata camera loaded with Kodak Gold 200 film.

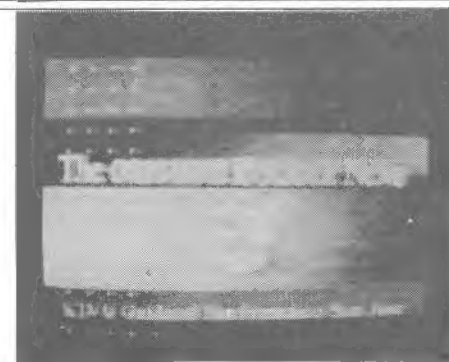
KDFW-4
Dallas/
Fort Worth
Texas

1050 mile E-skip
seen June 29, 1993
from
1930-2015 MDT



KTVU-2
Oakland/
San Francisco
San Jose
California

600 mile E-skip
seen June 29, 1993
from
2020-2031 MDT



Rich's photos continues on page 2.

Nice to hear from you again, Rocky.

Till next time. *DNE*

Distance Calculation by Computer

Several people asked at the convention how I calculate the distances to DX stations logged. The short answer is, by computer. The long answer is the program below...

```

5 KEY OFF:ON KEY(10) GOSUB 1000:KEY(10) ON
10 PI=3.14159265#;DR=PI/180
15 C1$;PRINT "DX Calculation Program; F10, then Enter when one."
20 DEF FNA(X)=INT(X*10+.5)/10
100 PRINT "Your location:";GOSUB 800
110 HN=N:HE=E
200 PRINT "DX station:";GOSUB 800
210 GOSUB 2000
220 PRINT "Distance=";FNA(DX);"mi.; Bearing=";FNA(AZ/DR);"°"
230 GOTO 200
800 INPUT "Latitude Deg., Min., Sec. (separate with commas):";T1,T2,T3
910 INPUT "North or South:";TS
830 N=(T1+(T2/60)+(T3/3600))*DR
840 IF LEFT$(TS,1)="S" THEN N=-N
850 INPUT "Longitude Deg., Min., Sec. (separate with commas):";T1,T2,T3
860 INPUT "East or West:";TS
870 E=(T1+(T2/60)+(T3/3600))*DR
880 IF LEFT$(TS,1)="W" THEN E=-E
890 RETURN
1000 END
2000 CO=COS(HE-E)*COS(HN)*COS(N)+SIN(HN)*SIN(N)
2010 CA=ATN(ABS(SQR(1-CO*CO)/CO))
2020 IF CO<0 THEN CA=PI-CA
2030 DX=3952*CA
2040 SI=SIN(E-HE)*COS(N)*COS(HN)
2050 CO=SIN(N)-SIN(HN)*COS(CA)
2060 AZ=ATN(ABS(SI/CO))
2070 IF CO<0 THEN AZ=PI-AZ
2080 IF SI<0 THEN AZ=2*PI-AZ
2090 IF AZ<0 THEN AZ=AZ+2*PI
2100 RETURN

```

Lines 2040-2090 are required only to calculate the bearing; if you're only interested in distance, you can leave them out. (you'll then also need to modify line 220 appropriately) Also, if you want distances in kilometers, change the number in line 2030 from 3952 to 6367.

The "meat" of this program is the subroutine between lines 2000 and 2100. This can be used in other ways— with a calculator, to manually calculate distance & bearing; for spreadsheet formulas or calculated fields in a database of FM/TV stations; or as a basis for converting the program to other computer languages. (or for making this BASIC program more "user-friendly") I've already written a Windows version of the program, and placed the formulas into a MS-Works spreadsheet.

If you've never used the BASIC in your IBM/compatible before, here's how to enter this program: First, you need to get a C:\> prompt. From Windows, go to the Main group and double-click on MS-DOS Prompt. If you aren't using Windows, you're on your own... Type GWBASIC and press Enter. A (mostly) black screen should come up. Type in the numbered

program lines as they appear above. When you've finished typing, press F2 to run the program. Check that it works, by calculating the distance/bearing to some stations that you know the distance to. (your locals will work.) If there's a problem, most likely you mistyped something; double-check what's in your computer against this article.

Once you're satisfied that the program is working, make one change: change the word END in line 1000 to SYSTEM. This will cause the program to return to the C:\> prompt when done, rather than returning to the BASIC screen. Then, save the program: press F4, type DXC (or whatever other name you want to give the program), and press Enter. Now, to run the program in the future, get a C:\> prompt, type GWBASIC DXC, and press Enter.

This program is based on program 5.2 in the book *"Amateur Radio Software"*, by John Morris GM4ANB. The book is published by the Radio Society of Great Britain, and should be available through the ARRL, 225 Main St., Newington CT 06111, or call 203-666-1541. Better-equipped ham shops probably also have it. This book has a number of programs relevant to the FM/TV DXer, including troposcatter path loss calculation, MUF calculation (for F2 skip), antenna and circuit design aids, satellite location, crude recordkeeping programs, and even a simple electronic circuit analysis program! Also included are tips on converting BASIC programs from the rather generic "dialect" used in the book to whatever version your computer uses. If you have a computer, I highly recommend that you check this book out!

Of course, once you have the program, you need a way to find out what the DX station's, and your, geographical coordinates are. For your own coordinates, the most available solution is a US Geological Survey topographic map; these are available for all areas of the USA and show geographic coordinates. Try looking up the USGS in your phone book. (unfortunately, I don't have any more details, as I've never had to use one of these maps!) A second choice, and one I recommend if you live in one of the states covered, is the *"Atlas and Gazetteer"* by DeLorme Mapping Co., 800-227-1656. These are currently available for about 15 states, and contain topographic maps of the entire state, plus virtually every road & street. Besides locating your coordinates, this Atlas will help you in finding your local stations, that little-known fishing hole, whatever... A third solution, and the one I'm using here, is to pick a local broadcast tower within a mile or so & look up its coordinates, and use them.

Finding the DX station is another problem. For FM, the only answer I know of is the official FCC database. My copy was purchased from Buckmaster Publishing, 703-894-5777, as part of their *"HamCall"* CD-Rom. Some computer "massaging" of that raw data is necessary. For TV, the HamCall CD works; so does the *"Television Factbook"*, available at most libraries.

I've written two "embellished" versions of the above program, one for DOS (which allows batch processing of large numbers of DX stations, just the thing for that mega-Fs opening...) and the other for Windows. I'll send a 3-1/2" 720K floppy with both programs and a Microsoft Works spreadsheet with the same formulas in return for a disk mailer (no disk required— I've got a lot of used 3 1/2" disks) with return postage, or \$1. I can also provide 360K or 1.2MB disks, but you'll have to send a blank disk along with your mailer.

Doug Smith
14 Brookside Court
Nashville, TN 37209-4503

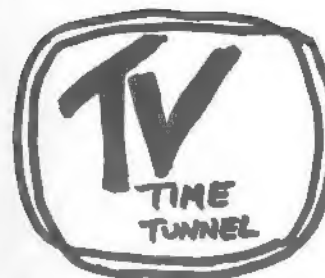
MURPHY'S LAWS (of DX)

By JOHN E. Lomb N4SFS

Having fixed a lot of TV and some FM since 1972 or so, I have discovered that there are a lot of absolute laws that apply to the hobby, and I'd like to share those with you. This is not by any means an exhaustive list, and I welcome additions!

JOHN

- Signal strength will always fade during an ID...
- If a visual ID is given, the actual ID will be in the smallest type font available while any useless information is in letters 2 feet high...
- If an aural ID is given, the announcer will be suffering the effects of (a) hangover, (b) novocain shot, or (c) loose bridgework...
- No matter how long you wait for a local break on a mystery station, it will only occur when you are on a bathroom break... (MURKAL: A large Mason Jar kept at arm's reach in the snack will save many loggings!)
- A little-known FCC regulation allows stations to ID during DX openings only if they feel like it...
- All-night DX openings will only occur on the eve of a critical day at your job...
- If you attempt to phone a station to confirm a logging, you will invariably wind up talking to the station employee with the lowest I.Q....
- Don't bother confirming that once-in-a-lifetime logging. No one will believe you anyway...
- A potential DX station will always change its schedule the week after you obtain a TV Guide from that area...
- Any piece of electronic equipment has a mind of its own -- and it doesn't like you...
- If a piece of electronic equipment fails to function properly, turn it off, wait 24 hours, then turn it back on. Chances are it'll work fine... (This is the principle known as "FM": "f---ing magic")
- An antenna dropped from a tower or rooftop will fail in such a way as to do the maximum possible damage...
- The lower the overload threshold on your pre-amp, the greater the chance that mass quantities of new locals will soon sign-on...
- If there is even one open TV channel left in your area, TBN will find it...
- If your 24-hour, 360-day local goes off the air unexpectedly, you can be assured that there will be no propagation at the time...
- If there is a CBER in the area running a linear, you will be blamed by neighbors for the resultant interference...
- The best situated neighborhood for DX in your city will invariably have deed restrictions prohibiting outdoor antennas...
- Mexican, Puerto Rican, and (especially) Cuban Spanish bear no relation to any Spanish you may have learned in school -- they are impenetrable polyglots consisting of 50% regional slang and 50% pure gibberish...
- The same identical patterns on the weather map that produced that super-tropo will never, ever produce an opening again...
- A DX station that you have been trying to snag for years will be logged on the first try by the new snort-nosed teenage DXer in the club, using a coat hanger and aluminum foil...
- Non-DXing friends will always show up at your door, uninvited, during a big opening...
- If you cohabitate with a wife, girlfriend, or parents, they will never, ever understand your interest in DXing -- nor will they ever WANT to...
- Attempting to explain your hobby to non-DXers will always result in your being branded either a pervert, a Communist, or a candidate for the Psych Ward...
- If you forget to remove the erase-protect tab from your DX tape, within 24 hours another family member will use it to tape "All My Children"...
- All treatises, theories, and articles aside, no one REALLY understands DX -- it is akin to acupuncture, voodoo, and black magic...



Mr. Customer Fixes His Own TV Set

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